

City of Gonzales

Gonzales Community Center Project

Technical Studies

Funded by Community Development Block Grant
(CDBG) Planning & Technical Assistance
Grant No. 11-PTEC-7626

May 2013



Gonzales Community Center Project Technical Studies

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Geotechnical Investigation

Prepared for **City of Gonzales**

**GEOTECHNICAL INVESTIGATION
GONZALES COMMUNITY CENTER
GONZALES, CALIFORNIA**

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July 20, 2012
File No.: 127923/4



July 20, 2012
File No.: 127923

Ms. Megan Jones
Rincon Consultants, Inc.
437 Figueroa Street, Suite 203
Monterey, California 93940
(mjones@rinconconsultants.com)

SUBJECT: Geotechnical Investigation for the Proposed Community Center in Gonzales, California

Dear Ms. Jones:

Kleinfelder is pleased to submit one electronic copy of our geotechnical investigation for the proposed Community Center in Gonzales, California. The enclosed report provides a description of the investigation performed and geotechnical recommendations for site grading and foundation design

In summary, it is our opinion that the proposed building can be constructed at this site provided that the recommendations presented in our report are followed. The main geotechnical concerns for the project site are the presence of moderately expansive surficial soils. We recommend the deepening of the foundations to 18 inches and proper moisture conditioning during fill placement. These items, as well as our investigative methods, and our specific recommendations for design and construction, are contained in the following report.

It should be noted that the conclusions and recommendations presented in this report are based on limited subsurface exploration, and, as a result, variations between anticipated and actual soil conditions may be found in localized areas during construction. It is recommended that Kleinfelder be retained during construction to observe earthwork and installation of foundations to make any changes to our recommendations that may be necessary due to varying subsurface conditions. We should review the project plans and specifications prior to construction bidding, to confirm that they are in compliance with the recommendations presented in this report.

We appreciate the opportunity of providing our services to you on this project and trust this report meets your needs at this time. If you have any questions concerning the information presented, please contact this office at (831) 755-7900.

Sincerely,

KLEINFELDER WEST, INC.


Andrea McGrath-Massie, P.E.
Project Manager


Donald G. Gray, P.E., G.E. #351
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1.0 INTRODUCTION

This geotechnical investigation report is for the proposed Community Center to be constructed on Fifth Street in Gonzales, California. The site is located next to the existing Fairview Middle School. A site plan is shown on Plate 1.

1.1 PROJECT DESCRIPTION

The proposed project consists of the construction of a new community center. The center will be approximately 28,000 square foot in size. The Community Center will be a high one-story building with a slab-on-grade floor and associated flatwork and pavement areas for parking. New building loads are unknown at this time. Because the site is relatively flat, we estimate that grading will consist of fills and cuts up to about 4 feet thick to grade the building pad and install utilities.

If our project understanding is not correct, please notify us immediately so that we may modify our scope and fee appropriately.

1.2 PURPOSE AND SCOPE OF SERVICES

The purpose of this investigation is to explore and evaluate the subsurface soils at the location of the new building to provide geotechnical criteria for the design and construction. The scope of services, as outlined in our March 13, 2012 proposal, consists of field exploration, laboratory testing, engineering analyses, and preparation of this report. This study also addresses the liquefaction potential, pavement design, settlement estimates, and earthwork construction considerations.

2.0 FIELD EXPLORATION AND LABORATORY TESTING

A field investigation for this study was performed on June 20, 2012. The field exploration program consisted of the drilling of six (6) borings. The borings were located approximately as shown on the Site Plan, Plate 1. The locations of the borings were estimated by our engineer based on rough measurements from existing features at the site.

Prior to the start of our field investigation, Underground Services Alert (USA) was contacted to locate utilities within the pertinent street rights-of-way. In addition, we subcontracted a private utility locator to confirm that our exploratory locations were not in conflict with known or detectable underground utilities. Upon their completion, the borings were backfilled with soil cuttings in accordance with the County's requirements. Any additional soil cuttings generated during our drilling operation were left on the site in unimproved areas.

2.1 BORINGS AND SAMPLING

Borings, B-1 through B-6 ranged from approximately 20 to 50 feet deep. Exploration Geoservices of San Jose, California was subcontracted to provide drilling services. The soil borings were drilled using a Mobile Drill B-53 truck-mounted rig equipped with an eight inch diameter hollow-stem augers. An engineer from our office selected the boring locations, boring depths, sampling intervals, and observed the drilling operation.

Relatively undisturbed samples of the subsurface materials were obtained using a California sampler with a 2.5-inch inside diameter (I.D.) and a 3-inch outside diameter (O.D.) and a Standard Penetration sampler with 1-3/8-inch I.D. The samplers were driven 18 inches using a 140-pound automatic trip hammer falling 30 inches, and blow counts for successive 6-inch penetration intervals were recorded. After the sampler was withdrawn from the borehole, the samples were removed, sealed to reduce moisture loss, labeled, and returned to our laboratory. Prior to sealing the samples, strength characteristics of the cohesive soil samples recovered were evaluated using a hand-held pocket penetrometer. The results of these tests are shown adjacent to the samples on the boring logs.

Soil classifications made in the field from auger cuttings and samples, were re-evaluated in the laboratory after further examination and testing. The soils were classified in general accordance with the Unified Soil Classification System presented on Plate A-1. The soil description key and boring log legend are shown on Plates A-2 and A-3. Sample classifications, blow counts recorded during sampling, and other related information were recorded on the soil boring logs. The boring logs for borings B-1 through B-6 are presented on Plates A-4 through A-9 in Appendix A.

2.2 LABORATORY TESTING

Laboratory tests were performed on selected soil samples to evaluate their physical characteristics and engineering properties. The laboratory testing program included unit weight and moisture content, Atterberg limits, percent passing #200 sieve analysis, unconfined strength tests, and Resistance (R) - Value. Most of the laboratory test results are presented on the boring logs. The results of the laboratory tests are presented on Plates B-1 through B-4, in Appendix B. A sample of near surface soil has been submitted for corrosion screening which includes evaluation of Redox, pH, sulfate, chloride, and resistivity. The corrosion test results are shown in Appendix D.

3.0 GEOLOGY AND SEISMICITY

3.1 GEOLOGIC SETTING

The Monterey Bay Area lies within the Coast Range Geomorphic Province, a more or less discontinuous series of northwest trending mountain ranges, ridges, and intervening valleys characterized by complex folding and faulting. Geologic and geomorphic structures within the Monterey Bay area are controlled by the San Andreas fault (SAF). One of the main geomorphic features within the Monterey Bay Area is the Salinas Valley, in which the site is located. The Salinas Valley is a broad alluvial filled valley, where sediments from numerous tributaries feed into the Salinas River that ultimately drains into Monterey Bay. Regional geologic maps of the area indicate that the site is underlain by Quaternary age alluvial deposits.

3.2 FAULTING AND SEISMICITY

The site and the entire Monterey Bay Area are seismically dominated by the presence of the active San Andreas fault system. In the theory of plate tectonics, the San Andreas fault system is the boundary between the northward moving Pacific Plate (west of the fault) and the southward moving North American Plate (east of the fault). In the Monterey Bay Area, this movement is distributed across a complex system of strike-slip, right-lateral parallel and subparallel faults which include the San Andreas, Monterey Bay-Tularcitos, San Gregorio-Palo Colorado, and Rinconada faults, among others. The Rinconada Fault is the nearest active fault located approximately 7 kilometers to the west.

Periodic earthquakes have occurred throughout the Monterey Bay and nearby San Francisco Bay regions in historic time, several of which had magnitudes of 6 to 8 on the Richter scale. The largest and most destructive earthquakes were the 1868 earthquake, which was centered on the Hayward fault, and the 1906 earthquake that occurred on the San Andreas fault. Considerable damage also occurred in Monterey County during the 1989 Loma Prieta earthquake that was centered on the San Andreas fault in the nearby Santa Cruz Mountains. The site is not located within any of the Alquist-Priolo Earthquake Fault Zones established by the Alquist-Priolo Earthquake Fault Zoning Act of 1972.

4.0 SITE AND SUBSURFACE CONDITIONS

4.1 SITE CONDITIONS

The proposed location of the Gonzales Community Center is currently occupied by Gabilan Court and surrounding undeveloped areas. The site is bounded on the north by 5th Street, to the east and south by a residential development, and to the west by the Fairview Middle School. The site is relatively level with site grade between about 145 and 147 feet mean sea level (MSL) and it appears to generally drain to the southeast.

4.2 SUBSURFACE SOIL CONDITIONS

Presented below is a general description of soil conditions encountered at the site in the borings drilled for this investigation. For a more detailed description of the soils encountered, refer to the borings logs in Appendix A. It should be noted that soil and subsurface conditions can deviate from those conditions encountered at the boring locations. If significant variation in the subsurface conditions is encountered during construction, it may be necessary for Kleinfelder to review the recommendations presented herein and recommend adjustments as necessary.

Below the existing asphalt paving and base rock (where present), our borings encountered interbedded alluvial silty and clayey sands with some lean clay. The sands in the up 5 to 10 feet sands were loose to dense. Lean clays were below the upper sands were firm to hard and appear to have low to medium plasticity. They extended to about 15 below the site surface. Below the clay, we encountered layers medium dense to very dense sand with varying amounts of sand and clay and some firm lean clay with varying amounts of sand and with low to medium plasticity down to a depth of about 50 feet.

The above is a general description of the soil conditions encountered in the six borings performed for this investigation. For a more detailed description of the soil conditions encountered, please refer to Appendix A for the borings presented on Plates A-4 through A-9.

4.3 GROUNDWATER

Groundwater was not encountered in any of the borings down to a depth of approximately 50 feet deep. The historical high groundwater was mapped by the Monterey County Water Resources Agency at an elevation of about 90 feet Mean Sea Level.

The groundwater level may fluctuate depending on factors such as seasonal rainfall, leaking underground utilities, groundwater withdrawal, and construction activities on this or adjacent site. Soil and groundwater conditions can deviate from those conditions encountered at the boring locations. Should this be revealed during construction, Kleinfelder should be notified immediately for possible revisions to the recommendations that follow.

5.0 CONCLUSIONS

5.1 GENERAL

It is our opinion that the proposed building is feasible with respect to the site-specific geotechnical issues. This conclusion is based on the assumption that the recommendations presented in this report will be incorporated in the design and construction of this project. The primary concern is the near surface moderately expansive soils. To mitigate these concern, we have recommended that the foundations be deepened to 18 inches and the soils properly moisture conditioned as described in Exhibit 1 in Appendix C. Specific recommendations regarding geotechnical design and construction aspects for the project are presented in the Recommendations section of this report.

5.2 FOUNDATION SUPPORT

The near surface soils are capable of supporting spread footing foundation design for moderate bearing pressures. They can be supported on the existing soils or on compacted engineered fill.

Settlement due to static building loads is expected to be less than about ½ inch and is expected to be primarily elastic, with the majority of the settlement taking place during construction.

5.3 SOIL LIQUEFACTION POTENTIAL

Soil liquefaction is a phenomenon in which saturated, cohesionless soils lose their strength due to the build-up of excess pore water pressure during cyclic loading such as that induced by earthquakes. The primary factors affecting the liquefaction potential of a soil deposit include: 1) intensity and duration of earthquake shaking; 2) soil type and relative density; 3) overburden pressure; and 4) depth to groundwater. Soils most susceptible to liquefaction are clean, loose, fine-grained sands, and silts that are saturated and uniformly graded. Lean clays can also be susceptible to liquefaction.

The available subsurface information indicates that sand layers are present beneath the project site. However, since groundwater was not encountered to a depth of at least 50

feet below existing grade, we conclude the potential for liquefaction in the upper 50 feet is low.

5.4 DYNAMIC COMPACTION

Earthquake shaking can result in seismic settlement also known as dynamic compaction. This can occur in unsaturated loose sands or poorly compacted fills. Medium dense clayey or silty sands were encountered in the borings between depths of about 10 and 25 feet. These sands contained over 12 percent fines. We estimate that seismic shaking of these sands above the groundwater will be less than about ¼ inch due to their relatively high fines content and relative density.

5.5 CORROSION ASSESSMENT

A soil sample collected during our field investigation, at a depth of approximately 2.5 feet below the ground surface at boring B-4 was submitted for corrosion testing. The soil in this zone was selected for corrosion testing because it will likely be in direct contact with concrete and buried utilities. The sample was tested by CERCO Analytical, a State-certified laboratory in Concord, California, for redox potential, pH, resistivity, chloride content, and sulfate content in accordance with ASTM test methods. The test results indicate the soil is “corrosive”. The results are presented in detail in Appendix D. Also included in Appendix D is the evaluation by CERCO Analytical of the corrosion test results. Because we are not corrosion specialists, we recommend that a corrosion specialist be consulted for advice on proper corrosion protection for underground piping which will be in contact with the soils and bedrock, and other design details.

6.0 RECOMMENDATIONS

Presented below are recommendations for foundations, concrete floor slabs, exterior flatwork, shoring, earthwork, site drainage, and pavements, as well as a discussion of seismic considerations for this project.

6.1 FOUNDATIONS

Based on our investigation, the loads for the proposed building can be supported by continuous footings bearing on native undisturbed soil or engineered fill provided that the bottom of the footing excavations have been checked by a Kleinfelder representative. The recommended allowable soil bearing pressures, depth of embedment, and width of footings are presented below in Table 1.

Table 1: FOUNDATION BEARING CAPACITY RECOMMENDATIONS			
Footing Type	Allowable Bearing Pressure (psf)*	Minimum Embedment (in)**	Minimum Width (in)
Continuous Footings	3,000	18	12
Column Footings	3,000	18	24
<p>* Pounds per square foot, dead plus live load. Includes a factor of safety (FS) of 3.</p> <p>** Below lowest adjacent grade defined as bottom of slab on the interior and finish grade at the exterior.</p>			

Allowable soil bearing pressures may be increased by one-third for transient loads such as wind and seismic loads.

Where footings are located adjacent to below-grade structures or near major underground utilities, the footings should extend below a 1:1 (horizontal to vertical) plane projected upward from the structure footing or bottom of the underground utility to avoid surcharging the below grade structure and underground utility with building loads. Also, where utilities cross the perimeter footings line and enter “interior” space such as lobbies or loading areas, the trench backfill should consist of a vertical barrier of impervious type of material as explained in the “Earthwork” section of this report. In addition, where utilities cross through footings, flexible waterproof caulking should be

provided between the sleeve and the pipe. Utility plans should be reviewed by Kleinfelder prior to trenching for conformance to these requirements.

Concrete for footings should be placed neat against stiff native soil or engineered fill. It is critical that footing excavations not be allowed to dry before placing concrete. If shrinkage cracks appear in the footing excavations, the excavations should be thoroughly moistened to close all cracks prior to concrete placement. The footing excavations should be monitored by a representative of Kleinfelder for compliance with appropriate moisture control and to confirm the adequacy of the bearing materials. If soft or loose materials are encountered at the bottom of the footing excavations, they should be removed and replaced with lean concrete or engineered fill. Kleinfelder should also be present during the overexcavation. If desired, unit prices for such overexcavation and backfilling should be obtained during contractor bidding for this project.

Lateral loads may be resisted by a combination of friction between the foundation bottoms and the supporting subgrade, and by passive resistance acting against the vertical faces of the foundations, including grade beams. An allowable friction coefficient of 0.30 between the foundation and supporting subgrade may be used. For passive resistance, an allowable equivalent fluid pressure of 300 pounds per cubic foot may be used. Passive pressure should be neglected in the upper one foot unless the adjacent surface is confined by paving or flatwork. The friction coefficient and passive resistance may be used concurrently, and the passive resistance can be increased by one-third for wind and/or seismic loading.

6.2 CALIFORNIA BUILDING CODE (CBC) SEISMIC DESIGN PARAMETERS

The Maximum Design Earthquake (DE) mapped spectral accelerations for 0.2 second and 1 second periods (S_S and S_1) were estimated using Section 1613.5 of 2010 CBC and the ground motion parameter calculator developed by the U.S. Geological Survey (USGS). The mapped acceleration values and associated soil amplification factors (F_a and F_v) based on 2010 CBC are presented in Table 3 below. Corresponding design spectral accelerations (S_{DS} and S_{D1}) are also presented in Table 3. The recommended Site Class is D, stiff soil.

**Table 2
GROUND MOTION PARAMETERS BASED ON 2010 CBC**

Parameter	Value	2010 CBC Reference
S_S	1.241	Section 1613.5.1
S_1	0.515	Section 1613.5.1
F_a	1.0	Table 1613.5.3(1)
F_v	1.5	Table 1613.5.3(2)
S_{MS}	1.246	Section 1613.5.3
S_{M1}	0.772	Section 1613.5.3
S_{DS}	0.831	Section 1613.5.4
S_{D1}	0.515	Section 1613.5.4

According to Section 1802.2.7 of 2010 CBC, PGA can be estimated using a site-specific study. Alternately, PGA can be taken as $S_{DS}/2.5$, where S_{DS} is determined using Section 1613. Therefore, PGA (0.33g) and spectral accelerations presented in Table 3 can be used in the analyses.

6.3 SLABS-ON-GRADE

Concrete slabs-on-grade for this project will include the building floor slabs and exterior flatwork. The slabs should be supported on angular gravel or crushed rock to enhance subgrade support for the slab over engineered fill on properly prepared subgrade soil, or directly on properly prepared subgrade soil as recommended in the “Earthwork” section of this report.

6.3.1 Interior Floor Slabs

Concrete floors should be supported on at least 6 inches of angular gravel or crushed rock to enhance subgrade support for the slab. Where used as a capillary break, this material should be 3/4-inch maximum size with no more than 10 percent by weight passing the #4 sieve. It is important that placement of this material and concrete be done as soon as possible after compaction of the subgrade materials to reduce drying of the subgrade. Slabs-on-grade supported on at least 6 inches of angular gravel or crushed rock may be designed using a modulus of subgrade reaction (K_{V1}) of

200 pounds per cubic inch. The Structural Engineer should design reinforcing and slab thickness. Special care should be taken to place the reinforcement at the slab mid-height.

Even with primarily granular subgrade soils and good compaction and moisture control during construction, some shrink/swell of the slab subgrade soil may occur. This shrink/swell will be largely reduced by the angular gravel or crushed rock slab support discussed herein. In addition, the floor slab should be separated from footings, structural walls, and utilities and provisions made to allow for minor settlement or swelling movements at these interfaces. If this is not possible from a structural or architectural design standpoint, it is recommended that the slab connection to footings be reinforced such that there will be resistance to potential differential movement.

Subsurface moisture and moisture vapor naturally migrate upward through the soil and, where the soil is covered by a building or pavement, this subsurface moisture will collect. The current industry standard is to place a vapor retarder on the compacted crushed rock layer to reduce the impact of the subsurface moisture and potential impact of future introduced moisture. This membrane typically consists of visqueen or polyvinylchloride plastic sheeting at least 10 mils in thickness. It should be noted that although vapor barrier systems are currently the industry standard, this system may not be completely effective in preventing floor slab moisture problems. These systems typically will not necessarily assure that floor slab moisture transmission rates will meet floor-covering manufacturer standards and that indoor humidity levels be appropriate to inhibit mold growth. The design and construction of such systems are totally dependent on the proposed use and design of the proposed building and all elements of building design and function should be considered in the slab-on-grade floor design. Building design and construction have a greater role in perceived moisture problems since sealed buildings/rooms or inadequate ventilation may produce excessive moisture in a building and affect indoor air quality.

Various factors such as surface grades, adjacent planters, the quality of slab concrete and the permeability of the on-site soils affect slab moisture and can control future performance. In many cases, floor moisture problems are the result of either improper curing of floors slabs or improper application of flooring adhesives. We recommend

contacting a flooring consultant experienced in the area of concrete slab-on-grade floors for specific recommendations regarding your proposed flooring applications.

Precautions must be taken during the placement and curing of all concrete slabs. Excessive slump (high water-cement ratio) of the concrete and/or improper curing procedures used during either hot or cold weather conditions could lead to excessive shrinkage, cracking, or curling of the slabs. High water-cement ratio and/or improper curing also greatly increase the water vapor permeability of concrete. We recommend that all concrete placement and curing operations be performed in accordance with the American Concrete Institute (ACI) manual.

It is emphasized that we are not floor moisture proofing experts. We make no guarantee nor provide any assurance that use of capillary break/vapor retarder system will reduce concrete slab-on-grade floor moisture penetration to any specific rate or level, particularly those required by floor covering manufacturers. The builder and designers should consider all available measures for floor slab moisture protection.

Exterior grading may have an impact on potential moisture beneath floor slabs. Recommendations for exterior draining are provided in the "Site Drainage" section of this report.

6.3.2 Exterior Flatwork

Exterior flatwork should have a minimum thickness of 4 inches for pedestrian areas and at least 5 inches for areas exposed to occasional light vehicular traffic. A Structural Engineer should design reinforcing and actual slab thickness. Exterior concrete slabs-on-grade may be supported on 4 inches of aggregate base rock (AB) to enhance subgrade support for the slab over properly prepared subgrade soil, or directly on properly prepared subgrade soil.

Exterior flatwork exposed to frequent vehicular traffic (garbage trucks, etc.) should be designed by the structural engineer according to the actual loadings and frequency of loadings. Where concrete flatwork is to be exposed to vehicle traffic, it should be underlain by at least 6 inches of Class 2 Aggregate Base, as specified in the current

California of Transportation Standard Specifications, over properly prepared fill and/or subgrade soils.

Subgrade soils should be moisture conditioned according to the recommendations in Exhibit 1, Appendix C. Even with the moisture conditioning some movement of exterior slabs may occur. Expansion joint material should be used between flatwork and curbs, and flatwork and buildings.

6.4 DEMOLITION

6.4.1 Existing Improvements

As part of the demolition process, the existing roadway and other improvements should be removed. Excavations from removal of underground utilities or other below ground obstructions should be cleaned of loose soil and deleterious material, and backfilled with compacted fill. Fills should be compacted per the recommendations in the “Earthwork” section of this report and as presented in Exhibit 1.

6.4.2 Existing Utilities

Active or inactive utilities within the construction area should be protected, relocated, or abandoned. Pipelines that are 2 inches in diameter or less may be left in place beneath the planned building. Pipelines between 2 and 6 inches in diameter may be left in place within the limits of the building provided they are filled with sand/cement slurry and capped at both ends. Pipelines larger than 6 inches in diameter within the planned building should be removed. Active utilities to be reused should be carefully located and protected during demolition and during construction.

6.4.3 Existing Trees

Tree stumps and roots over 1 inch in diameter and over 3 feet in length should be removed within the building footprint and areas for planned improvements. From a geotechnical standpoint, existing landscaping may be left in place as landscaping provided that it is outside of the area to be graded.

6.5 EARTHWORK

Earthwork at the site will generally consist of subgrade preparation and placement of baserock or crushed rock for concrete slabs and pavements and excavation and backfill of foundations or underground utility line trenches. Although grading plans were not available to us at the time this report was prepared, we anticipate that the required grading will consist of maximum cuts of up to about 2 to 4 feet for underground utility trench work. Kleinfelder should review the final grading plans for conformance to our design recommendations prior to construction bidding. In addition, it is important that a representative of Kleinfelder observe and evaluate the competency of existing soils or new fill underlying structures, concrete flatwork, and pavements. In general, soft/loose or unsuitable materials encountered should be over excavated, removed, and replaced with compacted engineered fill material.

Construction debris consisting of aggregate base, concrete, and asphalt concrete generated during the demolition operation may be used as general fill material provided that it meets the grading and expansive criteria for import material specified in the "Fill Material" section of this report. Note that construction debris consisting of organic material (i.e., wood, mulch, etc.), metal, or similar degradable materials should not be used as fill material at the site and should be hauled offsite.

Site preparation and grading for this project should be performed in accordance with the site-specific recommendations provided below. A summary of soil compaction recommendations for this project is presented in Exhibit 1. Additional earthwork recommendations are presented in related sections of this report.

Based on our experience, areas covered by pavements may have above optimum moisture contents. We recommend that sprinklers in the area be turned off at least two weeks before earthwork if possible. Consideration may also be given to planning for additional time to allow these areas to dry out or obtaining unit costs for over-excavation.

6.5.1 Site Preparation and Grading

Prior to the start of grading and subgrade preparation operations, the site should first be cleared and stripped to remove all surface vegetation, organic laden topsoil and debris

generated during the demolition of existing pavements and landscaping located within the site. Stripped topsoil from landscaped areas may be stockpiled for later use in landscaping areas; however, this material should not be reused for engineered fill.

Following stripping and removal of deleterious materials, areas of the site to receive fill should be scarified to a minimum depth of 12 inches, moisture-conditioned, and recompacted as indicated in Exhibit 1. Scarification should extend laterally a minimum of 5 feet beyond the building limits and 2 feet beyond flatwork and pavements, where achievable, and any debris uncovered by this process should be removed. All fills should be compacted in lifts of 8-inch maximum uncompacted thickness. A summary of compaction requirements for the project is presented in Exhibit 1. Laboratory maximum dry density and optimum moisture content relationships should be evaluated based on ASTM Test Designation D-1557 (latest edition). Caution should be taken during grading and compaction to reduce the “pumping” of soft or wet soil. This could result in the need to use light weight compaction equipment in low areas and rerouting truck traffic to avoid overstressing the haul roads.

All site preparation and fill placement should be observed by a Kleinfelder representative. It is important that, during the stripping and scarification process, our representative be present to observe whether any undesirable material is encountered in the construction area and whether exposed soils are similar to those encountered during our field investigation.

6.5.2 Excavation and Backfill

We anticipate that excavation for the foundations and utility trenches can be made with either a backhoe or trencher, or similar earthwork equipment.

Although not anticipated, should trenches or other excavations extend deeper than 5 feet, the excavation may become unstable and should be evaluated to monitor stability prior to personnel entering the trenches. Shoring or sloping of any trench wall may be necessary to protect personnel and to provide stability. All trenches should conform to the current OSHA requirements for work safety. It is the contractor’s responsibility to follow OSHA temporary excavation guidelines and grade the slopes with adequate layback or provide adequate shoring and underpinning of existing structures and

improvements, as needed. Slope layback and/or shoring measures should be adjusted as necessary in the field to suit the actual conditions encountered, in order to protect personnel and equipment within excavations.

Care should be taken during construction to reduce the impact of trenching on adjacent structures and pavements (if applicable). Excavations should be located so that no structures, foundations, and slabs, existing or new, are located above a plane projected 1:1 (horizontal to vertical) upward from any point in an excavation, regardless of whether it is shored or unshored.

At the time of this geotechnical investigation, groundwater was not encountered above 50 feet. However, as described in the "Subsurface Conditions" section of this report, the actual depth at which groundwater may be encountered in trenches and excavations may vary. As a minimum, provisions should be made to ensure that conventional sump pumps used in typical trenching and excavation projects are available during construction in case groundwater is found to be higher than observed during our investigation, and/or if substantial runoff water accumulates within the excavations as a result of wet weather conditions.

Backfill for trenches and other small excavations beneath slabs should be compacted as noted in Exhibit 1. Special care should be taken in the control of utility trench backfilling under structures and flatwork/slab areas. Poor compaction may cause excessive settlements resulting in damage to overlying structures and slabs.

Where utility trenches extend from the exterior into the interior limits of a building, native clayey soils, lean concrete, or sand/cement slurry should be used as backfill material for a distance of 2 feet laterally on each side of the footing centerline to reduce the potential for the trench to act as a conduit to exterior surface water. In addition, where utilities cross through exterior footings, flexible waterproof caulking should be provided between the sleeve and the pipe. Utility trenches located in landscaped areas should also be capped with a minimum of 12 inches of compacted on-site clayey soils.

6.5.3 Fill Material

Except for organic laden topsoil in landscaped areas, and any material containing organics, the on-site soil is suitable for use as general engineered fill if it is free of deleterious material matter, geo-technically speaking. Maximum particle size for fill material should be limited to 3 inches, with at least 90 percent by weight passing the 1-inch sieve. Where imported material is required, it is recommended that it be granular in nature, adhere to the above gradation recommendations, and conform to the following minimum criteria:

Plasticity Index	15 or less
Liquid Limit	less than 30%
Percent Soil Passing #200 Sieve	8% to 40%

Highly pervious materials such as pea gravel are not recommended because they permit transmission of water to the underlying soils, except as bedding material for utilities. In addition, imported fill material should be tested for corrosion, and should not be any more corrosive than the on-site soils. We recommend that representative samples of the material proposed for use as fill be submitted to Kleinfelder for testing and approval at least two weeks prior to the start of grading and import of this material. All on-site and import fill material should be compacted to the recommendations provided for engineered fill in Exhibit 1.

The moisture conditioning should be performed in accordance with Exhibit 1. Where low expansion potential soils or baserock in paved areas are used, it should be placed immediately over the prepared subgrade to avoid drying of the subgrade. Prior to the placement of the capillary break or drainage gravel (if applicable) over the subgrade for the building, the subgrade should be conditioned to the moisture content indicated in Exhibit 1. The subgrade for exterior concrete flatwork should be conditioned to the required moisture content prior to their construction, and may require additional conditioning if it is allowed to dry. Caution should be taken during compaction to reduce “pumping” up of groundwater by repeated or heavy vehicle traffic.

6.6 WEATHER/MOISTURE CONSIDERATIONS

If earthwork operations and construction for this project are scheduled to be performed during the rainy season (usually November to May) or in areas containing saturated soils, provisions may be required for drying of soil or providing admixtures to the soil prior to compaction. Conversely, additional moisture may be required during dry months. Water trucks should be made available in sufficient numbers to provide adequate water during earthwork operations.

Since portions of the site are currently capped with AC pavement, the moisture content of the subgrade soils in these areas may be significantly above the optimum moisture content. This occurrence is usually caused by the migration of irrigation water from landscaped areas into the aggregate base material and/or the entrapment of subsurface moisture underneath slab and pavement areas. As a result, the subgrade soils may need to be dried prior to undergoing recompaction. It is recommended that any landscape watering in the area be turned off at least two weeks prior to the start of grading activities at the site. If site grading is performed during the rainy months, the site soils could become very wet and difficult to compact without undergoing significant drying. This may not be feasible without delaying the construction schedule. For this reason, drier import soils could be required or lime treating may be needed if construction takes place during winter months.

6.7 CONSTRUCTION OBSERVATION

Variations in soil types and conditions are possible and may be encountered during construction. To permit correlation between the soil data obtained during this investigation and the actual soil conditions encountered during construction, we recommend that Kleinfelder be retained to provide observation and testing services during site earthwork and foundation construction. This will allow us the opportunity to compare actual conditions exposed during construction with those encountered in our investigation and to provide supplemental recommendations if warranted by the exposed conditions. Earthwork should be performed in accordance with the recommendations presented in this report, or as recommended by Kleinfelder during construction. Kleinfelder should be notified at least two weeks prior to the start of construction and prior to when observation and testing services are needed.

6.8 SITE DRAINAGE AND STORM WATER INFILTRATION

Proper site drainage is important for the long-term performance of the planned structures, pavements, and concrete flatwork. The site should generally be graded so as to carry surface water away from the building foundation. The ground surface should slope away from the building at a minimum inclination of 2 percent or as required by the 2010 CBC. In addition, all roof gutters should be connected directly into a storm drainage system, or drain onto impervious surface (not splash blocks) that drain away from the structure, provided that a safety hazard is not created.

6.9 PAVEMENTS

Pavements for this project will consist of asphalt concrete for driveways and parking lots. We have evaluated pavement structural sections for design assuming the pavement subgrade soil will be similar to the near surface soils described in the boring logs. This assumption is based on our anticipation that grading and soil removal in the areas to be paved will be minimal. If site grading exposes soil other than that assumed, or import fill is used to construct pavement subgrades, we should perform additional tests to confirm or revise the recommended pavement sections for actual field conditions.

Asphalt pavement sections for this project have been calculated using Caltrans Flexible Pavement Design Method, with a Resistance Value of 11 as obtained during our laboratory testing program.

Various alternative pavement sections for various different Traffic Indices (TIs) are presented below. Each TI represents a different level of use. The owner or designer should determine which level of use best reflects the project and select appropriate pavement sections.

Table 3
ASPHALT CONCRETE PAVEMENT SECTION DESIGN
R-Value = 11

Traffic Index	AC	AB
4.0	2.5	6.5
5.0	2.5	10.0
6.0	3.0	12.5
7.0	4.0	14.0

Note: Thicknesses shown are in inches.
 AC = Type B Asphalt Concrete
 AB = Class 2 Aggregate Base (Minimum R-Value = 78)

We recommend that the subgrade soil, over which the pavement sections are to be placed, be moisture conditioned and compacted according to the recommendations in Exhibit 1. Compacted pavement subgrade should be non-yielding. Removal and subsequent replacement of some material (i.e., areas of excessively wet materials, unstable subgrade, or pumping soils) may be required to obtain the minimum compaction to the recommended depth.

Asphalt concrete should comply with the specifications presented in the Caltrans Standard Specifications, latest edition. Class 2 Aggregate Base materials should conform to the Caltrans Standard Specifications, latest edition. ASTM test procedures should be used to assess the percent relative compaction of the pavement subgrade soils, aggregate base and asphalt concrete.

Pavement surfaces should be sloped at a minimum of 2 percent and drainage gradients maintained to carry all surface water off the site due to the slightly porous or permeable nature of asphalt concrete. Surface water ponding should not be allowed anywhere on the site during or after construction.

7.0 LIMITATIONS

This work was performed in a manner consistent with that level of care and skill ordinarily exercised by other members of Kleinfelder's profession practicing in the same locality, under similar conditions and at the date the services are provided. Our conclusions, opinions and recommendations are based on a limited number of observations and data. It is possible that conditions could vary between or beyond the data evaluated. Kleinfelder makes no other representation, guarantee or warranty, express or implied, regarding the services, communication (oral or written), report, opinion, or instrument of service provided.

This report may be used only by the City of Gonzales and the registered design professional in responsible charge and only for the purposes stated for this specific engagement within a reasonable time from its issuance, but in no event later than two (2) years from the date of the report.

The work performed was based on project information provided by Client. If Client does not retain Kleinfelder to review any plans and specifications, including any revisions or modifications to the plans and specifications, Kleinfelder assumes no responsibility for the suitability of our recommendations. In addition, if there are any changes in the field to the plans and specifications, Client must obtain written approval from Kleinfelder's engineer that such changes do not affect our recommendations. Failure to do so will vitiate Kleinfelder's recommendations.

The scope of services was limited to six (6) borings. It should be recognized that definition and evaluation of subsurface conditions are difficult. Judgments leading to conclusions and recommendations are generally made with incomplete knowledge of the subsurface conditions present due to the limitations of data from field studies. The conclusions of this assessment are based on subsurface exploration to depths of about 20 to 50 feet below the ground surface and, laboratory testing of strength, gradation, plasticity, moisture content, and dry density, and engineering analyses.

Kleinfelder offers various levels of investigative and engineering services to suit the varying needs of different clients. Although risk can never be eliminated, more detailed and extensive studies yield more information, which may help understand and manage

the level of risk. Since detailed study and analysis involves greater expense, our clients participate in determining levels of service, which provide information for their purposes at acceptable levels of risk. The client and key members of the design team should discuss the issues covered in this report with Kleinfelder, so that the issues are understood and applied in a manner consistent with the owner's budget, tolerance of risk and expectations for future performance and maintenance.

Recommendations contained in this report are based on our field observations and subsurface explorations, limited laboratory tests, and our present knowledge of the proposed construction. It is possible that soil, rock or groundwater conditions could vary between or beyond the points explored. If soil, rock or groundwater conditions are encountered during construction that differ from those described herein, the client is responsible for ensuring that Kleinfelder is notified immediately so that we may reevaluate the recommendations of this report. If the scope of the proposed construction, including the estimated building loads, and the design depths or locations of the foundations, changes from that described in this report, the conclusions and recommendations contained in this report are not considered valid unless the changes are reviewed, and the conclusions of this report are modified or approved in writing, by Kleinfelder.

As the geotechnical engineering firm that performed the geotechnical evaluation for this project, Kleinfelder should be retained to confirm that the recommendations of this report are properly incorporated in the design of this project, and properly implemented during construction. This may avoid misinterpretation of the information by other parties and will allow us to review and modify our recommendations if variations in the soil conditions are encountered. As a minimum Kleinfelder should be retained to provide the following continuing services for the project:

- Review the project plans and specifications, including any revisions or modifications;
- Observe and evaluate the site earthwork operations to confirm subgrade soils are suitable for construction of foundations, slabs-on-grade, pavements and placement of engineered fill;

- Confirm engineered fill for the structure and other improvements is placed and compacted per the project specifications; and
- Observe foundation bearing soils to confirm conditions are as anticipated.

The scope of services for this subsurface exploration and geotechnical report did not include environmental assessments or evaluations regarding the presence or absence of wetlands or hazardous substances in the soil, surface water, or groundwater at this site.

Kleinfelder cannot be responsible for interpretation by others of this report or the conditions encountered in the field. Kleinfelder must be retained so that all geotechnical aspects of construction will be monitored on a full-time basis by a representative from Kleinfelder, including site preparation, preparation of foundations, and placement of engineered fill and trench backfill. These services provide Kleinfelder the opportunity to observe the actual soil, rock and groundwater conditions encountered during construction and to evaluate the applicability of the recommendations presented in this report to the site conditions. If Kleinfelder is not retained to provide these services, we will cease to be the engineer of record for this project and will assume no responsibility for any potential claim during or after construction on this project. If changed site conditions affect the recommendations presented herein, Kleinfelder must also be retained to perform a supplemental evaluation and to issue a revision to our original report.

This report, and any future addenda or reports regarding this site, may be made available to bidders to supply them with only the data contained in the report regarding subsurface conditions and laboratory test results at the point and time noted. Bidders may not rely on interpretations, opinion, recommendations, or conclusions contained in the report. Because of the limited nature of any subsurface study, the contractor may encounter conditions during construction which differ from those presented in this report. In such event, the contractor should promptly notify the owner so that Kleinfelder's geotechnical engineer can be contacted to confirm those conditions. We recommend the contractor describe the nature and extent of the differing conditions in writing and that the construction contract include provisions for dealing with differing conditions. Contingency funds should be reserved for potential problems during earthwork and foundation construction. Furthermore, the contractor should be prepared

to handle contamination conditions if encountered at this site during construction, which may affect the excavation, removal, or disposal of soil; dewatering of excavations; and health and safety of workers.

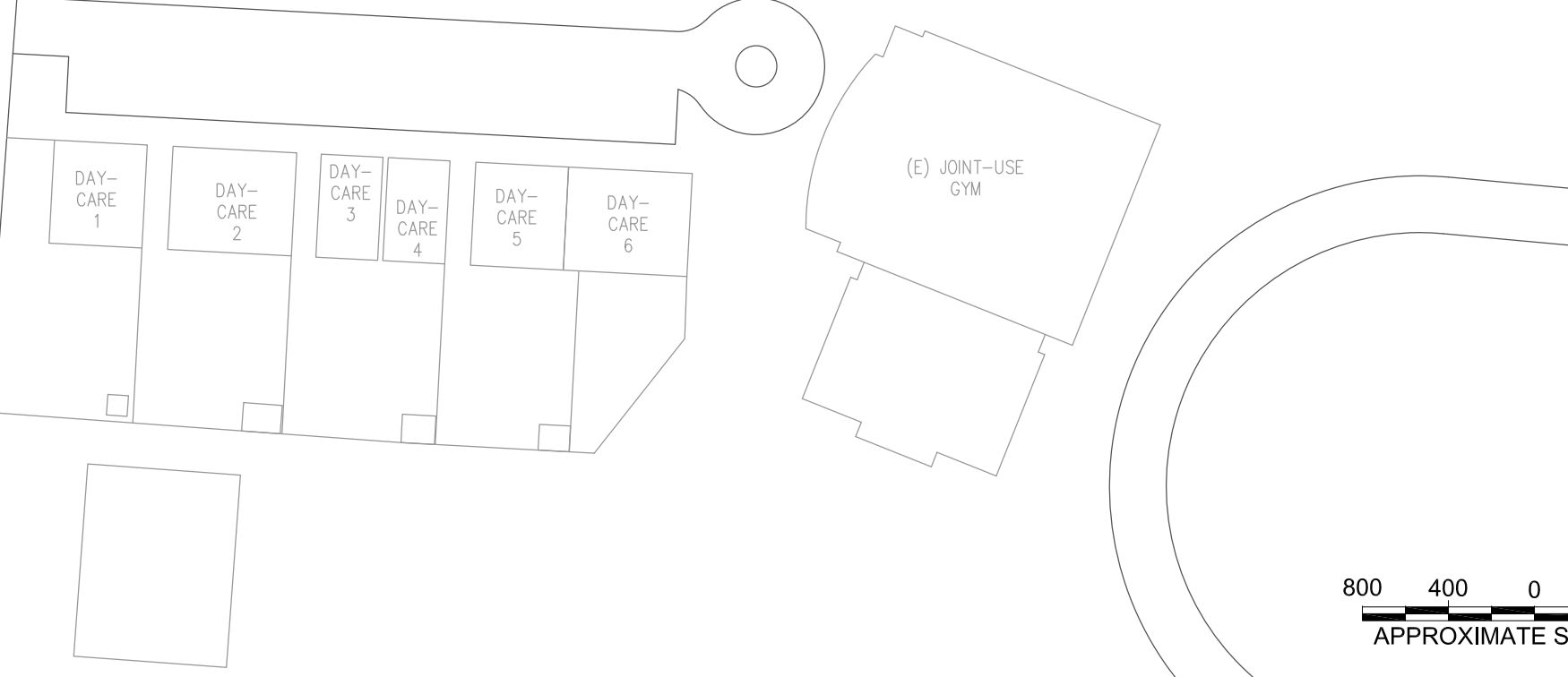
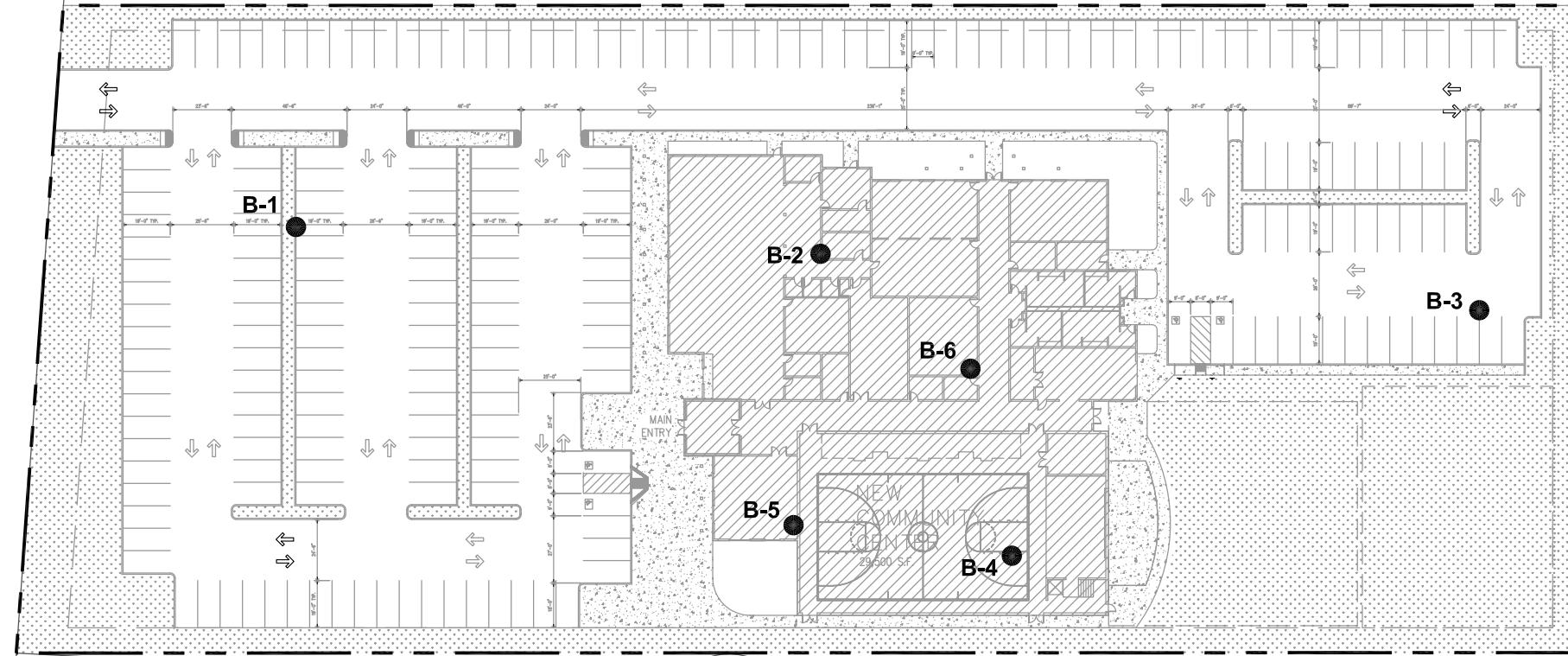
PLATES

PLOTTED: 11 Jul 2012, 2:06pm, agekas

CAD FILE: C:\Users\agekas\Documents\ALL CAD-DOCUMENTS\CAD-WORK IN PROGRESS\127923-GONZALES C-CENTER\ LAYOUT: stplan

ATTACHED IMAGES: 127923-vicmap.jpg
 ATTACHED XREFS: OAKLAND, CA

FIFTH STREET



LEGEND

B-3 ● APPROXIMATE BORING LOCATION
 (by Kleinfelder 2012)



SITE LOCATION MAP
 NOT TO SCALE



REFERENCE: AutoCAD FILE NAME: K:\2012\1209\
 BY KASAVAN ARCHITECTS "NEW COMMUNITY CENTER
 FOR CITY OF GONZALES AT 5TH STREET"
 GONZALES, CA. DATED 6/22/12.

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PROJECT NO.	127923
DRAWN:	JUNE 2012
DRAWN BY:	AG
CHECKED BY:	CF
FILE NAME:	127923_SitePlan.dwg

SITE PLAN	
GOLZALES COMMUNITY CENTER GOLZALES, CALIFORNIA	

PLATE
1

APPENDIX A
BORING LOGS

UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487)

	MAJOR DIVISIONS		GRAPHIC LOG		TYPICAL DESCRIPTIONS	
COARSE GRAINED SOILS (More than half of material is larger than the #200 sieve)	GRAVELS (More than half of coarse fraction is larger than the #4 sieve)	CLEAN GRAVELS WITH <5% FINES	$Cu \geq 4$ and $1 \leq Cc \leq 3$		GW	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE OR NO FINES
			$Cu < 4$ and/or $1 > Cc > 3$		GP	POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE OR NO FINES
		GRAVELS WITH 5 to 12% FINES	$Cu \geq 4$ and $1 \leq Cc \leq 3$		GW-GM	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE FINES
			$Cu \geq 4$ and $1 \leq Cc \leq 3$		GW-GC	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE CLAY FINES
			$Cu < 4$ and/or $1 > Cc > 3$		GP-GM	POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE FINES
			$Cu < 4$ and/or $1 > Cc > 3$		GP-GC	POORLY-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE CLAY FINES
		GRAVELS WITH >12% FINES			GM	SILTY GRAVELS, GRAVEL-SILT-SAND MIXTURES
					GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
					GC-GM	CLAYEY GRAVELS, GRAVEL-SAND-CLAY-SILT MIXTURES
	SANDS (More than half of coarse fraction is smaller than the #4 sieve)	CLEAN SANDS WITH <5% FINES	$Cu \geq 6$ and $1 \leq Cc \leq 3$		SW	WELL-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE OR NO FINES
			$Cu < 6$ and/or $1 > Cc > 3$		SP	POORLY-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE OR NO FINES
		SANDS WITH 5 to 12% FINES	$Cu \geq 6$ and $1 \leq Cc \leq 3$		SW-SM	WELL-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE FINES
			$Cu \geq 6$ and $1 \leq Cc \leq 3$		SW-SC	WELL-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE CLAY FINES
			$Cu < 6$ and/or $1 > Cc > 3$		SP-SM	POORLY-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE FINES
			$Cu < 6$ and/or $1 > Cc > 3$		SP-SC	POORLY-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE CLAY FINES
		SANDS WITH >12% FINES			SM	SILTY SANDS, SAND-GRAVEL-SILT MIXTURES
					SC	CLAYEY SANDS, SAND-GRAVEL-CLAY MIXTURES
					SC-SM	CLAYEY SANDS, SAND-SILT-CLAY MIXTURES
FINE GRAINED SOILS (More than half of material is smaller than the #200 sieve)	SILTS AND CLAYS (Liquid limit less than 50)		ML	INORGANIC SILTS AND VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS, SILTS WITH SLIGHT PLASTICITY,		
			CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS		
			CL-ML	INORGANIC CLAYS-SILTS OF LOW PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS		
	SILTS AND CLAYS (Liquid limit greater than 50)		OL	ORGANIC SILTS & ORGANIC SILTY CLAYS OF LOW PLASTICITY		
			MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILT		
			CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS		
	OH	ORGANIC CLAYS & ORGANIC SILTS OF MEDIUM-TO-HIGH PLASTICITY				

USCS (D2487) KA CORPORATE STD.GDT KA CORPORATE STD - 092011.GLB GOLZALES.GPJ 7/11/12



Project Number: 127923
 Date: 06-28-12
 Entry By: A. Gekas
 Checked By: CF
 File Name: GonzalesC-Center

UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487)

**GONZALES COMMUNITY CENTER
GONZALES, CALIFORNIA**

Plate

A-1

SOIL DESCRIPTION KEY

MOISTURE CONTENT

DESCRIPTION	ABBR	FIELD TEST
Dry	D	Absence of moisture, dusty, dry to the touch
Moist	M	Damp but no visible water
Wet	W	Visible free water, usually soil is below water table

CEMENTATION

DESCRIPTION	FIELD TEST
Weakly	Crumbles or breaks with handling or slight finger pressure
Moderately	Crumbles or breaks with considerable finger pressure
Strongly	Will not crumble or break with finger pressure

PLASTICITY

DESCRIPTION	ABBR	FIELD TEST
Non-plastic	NP	A 1/8-in. (3 mm) thread cannot be rolled at any water content.
Low (L)	LP	The thread can barely be rolled and the lump or thread cannot be formed when drier than the plastic limit.
Medium (M)	MP	The thread is easy to roll and not much time is required to reach the plastic limit. The thread cannot be rerolled after reaching the plastic limit. The lump or thread crumbles when drier than the plastic limit
High (H)	HP	It takes considerable time rolling and kneading to reach the plastic limit. The thread can be rerolled several times after reaching the plastic limit. The lump or thread can be formed without crumbling when drier than the plastic limit

STRUCTURE

DESCRIPTION	CRITERIA
Stratified	Alternating layers of varying material or color with layers at least 1/4 in. thick, note thickness
Laminated	Alternating layers of varying material or color with the layer less than 1/4 in. thick, note thickness
Fissured	Breaks along definite planes of fracture with little resistance to fracturing
Slickensided	Fracture planes appear polished or glossy, sometimes striated
Blocky	Cohesive soil that can be broken down into small angular lumps which resist further breakdown
Lensed	Inclusion of small pockets of different soils, such as small lenses of sand scattered through a mass of clay; note thickness
Homogeneous	Same color and appearance throughout

CONSISTENCY - FINE-GRAINED SOIL

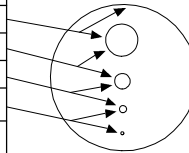
CONSISTENCY	ABBR	FIELD TEST
Very Soft	VS	Thumb will penetrate soil more than 1 in. (25 mm)
Soft	S	Thumb will penetrate soil about 1 in. (25 mm)
Firm	F	Thumb will indent soil about 1/4 in. (6 mm)
Hard	H	Thumb will not indent soil but readily indented with thumbnail
Very Hard	VH	Thumbnail will not indent soil

GRAIN SIZE

DESCRIPTION	SIEVE SIZE	GRAIN SIZE	APPROXIMATE SIZE
Boulders	>12"	>12"	Larger than basketball-sized
Cobbles	3 - 12"	3 - 12"	Fist-sized to basketball-sized
Gravel	coarse	3/4 - 3"	Thumb-sized to fist-sized
	fine	#4 - 3/4"	Pea-sized to thumb-sized
Sand	coarse	#10 - #4	Rock salt-sized to pea-sized
	medium	#40 - #10	Sugar-sized to rock salt-sized
	fine	#200 - #10	Flour-sized to sugar-sized
Fines	Passing #200	<0.0029	Flour-sized and smaller

REACTION WITH HCL

DESCRIPTION	FIELD TEST
None	No visible reaction
Weak	Some reaction, with bubbles forming slowly
Strong	Violent reaction, with bubbles forming immediately



ANGULARITY

DESCRIPTION	ABBR	CRITERIA	
Angular	A	Particles have sharp edges and relatively plane sides with unpolished surfaces	
Subangular	SA	Particles are similar to angular description but have rounded edges	
Subrounded	SR	Particles have nearly plane sides but have well-rounded corners and edges	
Rounded	R	Particles have smoothly curved sides and no edges	

APPARENT / RELATIVE DENSITY - COARSE-GRAINED SOIL

APPARENT DENSITY	ABBR	SPT (# blows/ft)	MODIFIED CA SAMPLER (# blows/ft)	CALIFORNIA SAMPLER (# blows/ft)	RELATIVE DENSITY (%)	FIELD TEST
Very Loose	VL	<4	<4	<5	0 - 15	Easily penetrated with 1/2-inch reinforcing rod by hand
Loose	L	4 - 10	5 - 12	5 - 15	15 - 35	Difficult to penetrate with 1/2-inch reinforcing rod pushed by hand
Medium Dense	MD	10 - 30	12 - 35	15 - 40	35 - 65	Easily penetrated a foot with 1/2-inch reinforcing rod driven with 5-lb. hammer
Dense	D	30 - 50	35 - 60	40 - 70	65 - 85	Difficult to penetrate a foot with 1/2-inch reinforcing rod driven with 5-lb. hammer
Very Dense	VD	>50	>60	>70	85 - 100	Penetrated only a few inches with 1/2-inch reinforcing rod driven with 5-lb. hammer

SOIL BORING KEY KA CORPORATE STD. - 092011.GLB GOLZALEZ.GPJ 7/11/12 KA CORPORATE STD.GDT



Project Number: 127923
 Date: 06-28-12
 Entry By: A. Gekas
 Checked By: CF
 File Name: GonzalesC-Center

SOIL DESCRIPTION KEY

GONZALES COMMUNITY CENTER
GONZALES, CALIFORNIA

Plate

A-2

LOG SYMBOLS

	BULK / BAG SAMPLE	-4	PERCENT FINER THAN THE NO. 4 SIEVE (ASTM Test Method C 136)
	MODIFIED CALIFORNIA SAMPLER (2-1/2 inch outside diameter)	-200	PERCENT FINER THAN THE NO. 200 SIEVE (ASTM Test Method C 117)
	CALIFORNIA SAMPLER (3 inch outside diameter)	LL	LIQUID LIMIT (ASTM Test Method D 4318)
	STANDARD PENETRATION SPLIT SPOON SAMPLER (2 inch outside diameter)	PI	PLASTICITY INDEX (ASTM Test Method D 4318)
	CONTINUOUS CORE	TXUU	CONSOLIDATED UNDRAINED TRIAXIAL COMPRESSION (EM 1110-1-1906)/ASTM TEST METHOD D2850
	SHELBY TUBE	EI	EXPANSION INDEX (UBC STANDARD 18-2)
	ROCK CORE	COL	COLLAPSE POTENTIAL
	GROUNDWATER LEVEL (encountered at time of drilling)	UC	UNCONFINED COMPRESSION (ASTM Test Method D 2166)
	GROUNDWATER LEVEL (measured after drilling)		
	SEEPAGE	MC	MOISTURE CONTENT (ASTM Test Method D 2216)

GENERAL NOTES

Boring log data represents a data snapshot.

This data represents subsurface characteristics only to the extent encountered at the location of the boring.

The data inherently cannot accurately predict the entire subsurface conditions to be encountered at the project site relative to construction or other subsurface activities.

Lines between soil layers and/or rock units are approximate and may be gradual transitions.

The information provided should be used only for the purposes intended as described in the accompanying documents.

In general, Unified Soil Classification System designations presented on the logs were evaluated by visual methods.

Where laboratory tests were performed, the designations reflect the laboratory test results.

KA LOG KEY KA CORPORATE STD.GDT KA CORPORATE STD.-092011.GLB GOLZALES.GPJ 7/11/12



Project Number: 127923

Date: 06-28-12

Entry By: A. Gekas

Checked By: CF

File Name: GonzalesC-Center

LOG KEY

**GONZALES COMMUNITY CENTER
GONZALES, CALIFORNIA**

Plate

A-3

Boring Number: B-1	Location: See Plate 1	Drilling Method: Hollow-stem auger
Boring Total Depth: 20.0 ft	Coordinates (X/Y, Lat/Long): ft / ft	Drilling Equipment: B-53
Depth to Rock: No Rock was Encountered	Datum/Coordinate System: N/A	Drilling Company: Exploration Geoservices
Date Begin/End: 06-20-12 / 06-20-12	Top of Boring Elevation: 145.0 ft	Bit Size/Type: 8-inch
Surface Conditions: Grass Landscape	Coordinate Data Source: Google Earth	Hammer Type/Method: Wireline
Groundwater Meas. Pt. Ground Surface	Depth to Groundwater Initial/Time: Not Encountered	Hammer Drop/Weight: 30 in. / 140 lbs.
Logged By: RGH	Depth to Groundwater Final/Time: Not Encountered	Angle From Horizontal/Bearing: 90°

Depth (ft) Elevation (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification		Laboratory						Other Tests and Field Notes		
							Description	Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit	Water Content (%)	Dry Unit Weight (pcf)	Passing #4 Sieve (%)		Passing #200 Sieve (%)	
27	X	1B	27			SM	Silty SAND (SM): gray-brown, moist, subangular, medium sand	VD	LP								R-Value = 11
44	X	1C	44														
45	X	2	45			SC	Clayey SAND (SC): brown, moist, subangular, medium sand	VD	LP								
27	X	2	27	50/6"													
23	X	3B	23					D									
22	X	3C	22														
25	X	3C	25														
10	X	4B	23			SC	Clayey SAND With Gravel (SC): red-brown, moist, medium to coarse sand, subangular, fine to coarse gravel	MD	LP								
17	X	4C	17														
14	X	4C	14														
15	X	5	9					MD									
12	X	5	12														
16	X	5	16														
20	X	6	8				Subangular, grades less coarse gravel		LP								
13	X	6	13														
16	X	6	16														
Boring terminated at 20 feet. No free water encountered. Boring backfilled with soil cuttings.																	

SOIL BORING LOG KA CORPORATE STD.GDT KA CORPORATE STD.-092011.GLB GOLZALES.GPJ 7/19/12



Project Number: 127923
 Date: 06-28-12
 Entry By: A. Gekas
 Checked By: CF
 File Name: GonzalesC-Center

BORING LOG B-1

GONZALES COMMUNITY CENTER
GONZALES, CALIFORNIA

Plate
1 of 1
A-4

Boring Number: B-2	Location: See Plate 1	Drilling Method: Hollow-stem auger
Boring Total Depth: 20.0 ft	Coordinates (X/Y, Lat/Long): ft / ft	Drilling Equipment: B-53
Depth to Rock: No Rock was Encountered	Datum/Coordinate System: N/A	Drilling Company: Exploration Geoservices
Date Begin/End: 06-20-12 / 06-20-12	Top of Boring Elevation: 146.0 ft	Bit Size/Type: 8-inch
Surface Conditions: Grass Landscape	Coordinate Data Source: Google Earth	Hammer Type/Method: Wireline
Groundwater Meas. Pt. Ground Surface	Depth to Groundwater Initial/Time: Not Encountered	Hammer Drop/Weight: 30 in. / 140 lbs.
Logged By: RGH	Depth to Groundwater Final/Time: Not Encountered	Angle From Horizontal/Bearing: 90°

Depth (ft) Elevation (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification		Laboratory						Other Tests and Field Notes			
							Description	Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit	Water Content (%)	Dry Unit Weight (pcf)	Passing #4 Sieve (%)		Passing #200 Sieve (%)		
5-151.0	1B 1C	2	1 2 5			SC	Clayey SAND (SC): brown, moist, subangular, fine to coarse sand	L	LP									
			3 6 7					MD										
			5 8 14								15	118					UC	
10-156.0	4B 4C		4 7 10	1.0		CL	LEAN CLAY With Sand (CL): brown, moist, subangular, fine sand	F	LP-MP									
15-161.0	5B 5C		13 16 14			SC	Clayey SAND With Gravel (SC): brown, moist, subangular, fine to coarse sand, fine gravel	MD	LP									
			9 15 13				Subangular sand, grades less gravel	MD										
20-166.0	6B 6C						Boring terminated at 20 feet. No free water encountered. Boring backfilled with soil cuttings.											

SOIL BORING LOG KA CORPORATE STD.GDT KA CORPORATE STD.-092011.GLB GOLZALES.GPJ 7/19/12





Project Number: 127923
 Date: 06-28-12
 Entry By: A. Gekas
 Checked By: CF
 File Name: GonzalesC-Center

BORING LOG B-2
 GONZALES COMMUNITY CENTER
 GONZALES, CALIFORNIA

Plate
 1 of 1
A-5

Boring Number: B-3	Location: See Plate 1	Drilling Method: Hollow-stem auger
Boring Total Depth: 20.0 ft	Coordinates (X/Y, Lat/Long): ft / ft	Drilling Equipment: B-53
Depth to Rock: No Rock was Encountered	Datum/Coordinate System: N/A	Drilling Company: Exploration Geoservices
Date Begin/End: 06-20-12 / 06-20-12	Top of Boring Elevation: 147.0 ft	Bit Size/Type: 8-inch
Surface Conditions: Grass Landscape	Coordinate Data Source: Google Earth	Hammer Type/Method: Wireline
Groundwater Meas. Pt. Ground Surface	Depth to Groundwater Initial/Time: Not Encountered	Hammer Drop/Weight: 30 in. / 140 lbs.
Logged By: RGH	Depth to Groundwater Final/Time: Not Encountered	Angle From Horizontal/Bearing: 90°

Depth (ft) Elevation (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification		Laboratory						Other Tests and Field Notes		
							Description	Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit	Water Content (%)	Dry Unit Weight (pcf)	Passing #4 Sieve (%)		Passing #200 Sieve (%)	
5-152.0	1B 1C s		10 7 12 5 8 8	3.5		SC	Clayey SAND (SC): brown, moist, subangular, fine to coarse sand	MD	LP								
						CL	Sandy LEAN CLAY (CL): brown, moist, subangular, fine to coarse sand	F	LP-MP								
	3B 3C		4 6 12					H	MP	23	37						
10-157.0	4		5 8 3														
15-162.0	5B 5C		16 24 25	>4.5		CL	Sandy LEAN CLAY With Gravel (CL): red-brown, moist, subangular, fine to coarse sand, fine gravel	VH	LP-MP								
	6		7 9 9			SC	Clayey SAND (SC): red-brown, moist, subangular, fine to medium sand	MD	LP								
20-167.0							Boring terminated at 20 feet. No free water encountered. Boring backfilled with soil cuttings.										

SOIL BORING LOG KA CORPORATE STD.GDT KA CORPORATE STD.-092011.GLB GOLZALES.GPJ 7/19/12



Project Number: 127923
Date: 06-28-12
Entry By: A. Gekas
Checked By: CF
File Name: GonzalesC-Center

BORING LOG B-3

**GONZALES COMMUNITY CENTER
GONZALES, CALIFORNIA**

Plate
1 of 1
A-6

Boring Number: B-4	Location: See Plate 1	Drilling Method: Hollow-stem auger
Boring Total Depth: 20.0 ft	Coordinates (X/Y, Lat/Long): ft / ft	Drilling Equipment: B-53
Depth to Rock: No Rock was Encountered	Datum/Coordinate System: N/A	Drilling Company: Exploration Geoservices
Date Begin/End: 06-20-12 / 06-20-12	Top of Boring Elevation: 145.0 ft	Bit Size/Type: 8-inch
Surface Conditions: Grass Landscape	Coordinate Data Source: Google Earth	Hammer Type/Method: Wireline
Groundwater Meas. Pt. Ground Surface	Depth to Groundwater Initial/Time: Not Encountered	Hammer Drop/Weight: 30 in. / 140 lbs.
Logged By: RGH	Depth to Groundwater Final/Time: Not Encountered	Angle From Horizontal/Bearing: 90°

Depth (ft) Elevation (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification		Laboratory						Other Tests and Field Notes			
							Description	Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit	Water Content (%)	Dry Unit Weight (pcf)	Passing #4 Sieve (%)		Passing #200 Sieve (%)		
6	1B	1C	6			SC	Clayey SAND (SC): dark brown, moist, subangular, fine to coarse sand	MD										
7			7															
11			11															
6	2		6	>4.5		CL	Sandy LEAN CLAY (CL): dark brown, moist, subangular, fine to coarse sand	VH	LP-MP									
8			8															
7			7															
5-150.0	3B	3C	4	3.0		SM	Silty SAND (SM): red-brown, moist, subangular, fine to coarse sand	H	LP-MP		14	113						
			5															
			7															
10-155.0	4B	4C	18			SM	Silty SAND (SM): red-brown, moist, subangular, fine to coarse sand	D	LP									
			24															
			20															
15-160.0	5B	5C	18				Decomposed granite (cemented)	D										
			23															
			19															
20-165.0	6B	6C	16			SW-SM	Well Graded SAND With Silt (SW-SM): red-brown, moist, subangular, medium to coarse sand	MD	LP									
			14															
			17															
							Boring terminated at 20 feet. No free water encountered. Boring backfilled with soil cuttings.											

SOIL BORING LOG KA CORPORATE STD.GDT KA CORPORATE STD.-092011.GLB GOLZALES.GPJ 7/19/12



Project Number: 127923
 Date: 06-28-12
 Entry By: A. Gekas
 Checked By: CF
 File Name: GonzalesC-Center

BORING LOG B-4

GONZALES COMMUNITY CENTER
GONZALES, CALIFORNIA

Plate
1 of 1
A-7

Boring Number: B-5	Location: See Plate 1	Drilling Method: Hollow-stem auger
Boring Total Depth: 19.5 ft	Coordinates (X/Y, Lat/Long): ft / ft	Drilling Equipment: B-53
Depth to Rock: No Rock was Encountered	Datum/Coordinate System: N/A	Drilling Company: Exploration Geoservices
Date Begin/End: 06-20-12 / 06-20-12	Top of Boring Elevation: 145.0 ft	Bit Size/Type: 8-inch
Surface Conditions: Grass Landscape	Coordinate Data Source: Google Earth	Hammer Type/Method: Wireline
Groundwater Meas. Pt. Ground Surface	Depth to Groundwater Initial/Time: Not Encountered	Hammer Drop/Weight: 30 in. / 140 lbs.
Logged By: RGH	Depth to Groundwater Final/Time: Not Encountered	Angle From Horizontal/Bearing: 90°

Depth (ft) Elevation (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification		Laboratory						Other Tests and Field Notes		
							Description	Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit	Water Content (%)	Dry Unit Weight (pcf)	Passing #4 Sieve (%)		Passing #200 Sieve (%)	
4		1B	4			SC	Clayey SAND (SC): dark brown, moist, subangular, fine grained to coarse sand, silt	MD	LP-MP								
14		1C	14														
16		2	16						D	LP-MP							
15			15														
5-150.0		3B 3C	12	>4.5		CL	Sandy LEAN CLAY (CL): dark brown, moist, subangular fine sand	VH	LP								
14			14														
15			15											55			
10-155.0		4	14			SM	Silty SAND (SM): red-brown, moist, subangular, fine to coarse sand	D	LP								
17			17														
13			13														
15-160.0		5	12					D									
17			17														
28			28														
13		6	13					D									
15			15														
20			20														
20-165.0							Boring terminated at 20 feet. No free water encountered. Boring backfilled with soil cuttings.										

SOIL BORING LOG KA CORPORATE STD.GDT KA CORPORATE STD.-092011.GLB GOLZALES.GPJ 7/19/12



Project Number: 127923
 Date: 06-28-12
 Entry By: A. Gekas
 Checked By: CF
 File Name: GonzalesC-Center

BORING LOG B-5

 GONZALES COMMUNITY CENTER
 GONZALES, CALIFORNIA

Plate
1 of 1
A-8

Boring Number: B-6	Location: See Plate 1	Drilling Method: Hollow-stem auger
Boring Total Depth: 50.0 ft	Coordinates (X/Y, Lat/Long): ft / ft	Drilling Equipment: B-53
Depth to Rock: No Rock was Encountered	Datum/Coordinate System: N/A	Drilling Company: Exploration Geoservices
Date Begin/End: 06-20-12 / 06-20-12	Top of Boring Elevation: 146.0 ft	Bit Size/Type: 8-inch
Surface Conditions: AC Pavement	Coordinate Data Source: Google Earth	Hammer Type/Method: Wireline
Groundwater Meas. Pt. Ground Surface	Depth to Groundwater Initial/Time: Not Encountered	Hammer Drop/Weight: 30 in. / 140 lbs.
Logged By: RGH	Depth to Groundwater Final/Time: Not Encountered	Angle From Horizontal/Bearing: 90°

Depth (ft) Elevation (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification		Laboratory						Other Tests and Field Notes		
							Description	Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit	Water Content (%)	Dry Unit Weight (pcf)	Passing #4 Sieve (%)		Passing #200 Sieve (%)	
							ASPHALT: approximately 3 inches thick AGGREGATE BASE: approximately 4 inches thick	MD									
		1B 1C	10 14			SM	Silty SAND (SM): red-brown, moist, subangular, fine to coarse sand, silt	MD	NP		8						
		2	11 13 14				Moist, subangular sand	MD	NP								
5-151.0		3B 3C	6 8 7	3.0		CL	Sandy LEAN CLAY (CL): brown, moist, fine sand	H	LP					61			
10-156.0		4	9 11 15	3.0				H									
15-161.0		5	12 13 10			SM	Silty SAND (SM): red-brown, moist, subangular, fine to coarse sand, trace fine gravel	MD	NP								
20-166.0		6	10 14 17					D	NP								

SOIL BORING LOG KA CORPORATE STD.GDT KA CORPORATE STD.-092011.GLB GOLZALES.GPJ 7/19/12



Project Number: 127923
 Date: 06-28-12
 Entry By: A. Gekas
 Checked By: CF
 File Name: GonzalesC-Center

BORING LOG B-6

**GONZALES COMMUNITY CENTER
GONZALES, CALIFORNIA**

Plate
1 of 3
A-9

Boring Number: B-6	Location: See Plate 1	Drilling Method: Hollow-stem auger
Boring Total Depth: 50.0 ft	Coordinates (X/Y, Lat/Long): ft / ft	Drilling Equipment: B-53
Depth to Rock: No Rock was Encountered	Datum/Coordinate System: N/A	Drilling Company: Exploration Geoservices
Date Begin/End: 06-20-12 / 06-20-12	Top of Boring Elevation: 146.0 ft	Bit Size/Type: 8-inch
Surface Conditions: AC Pavement	Coordinate Data Source: Google Earth	Hammer Type/Method: Wireline
Groundwater Meas. Pt. Ground Surface	Depth to Groundwater Initial/Time: Not Encountered	Hammer Drop/Weight: 30 in. / 140 lbs.
Logged By: RGH	Depth to Groundwater Final/Time: Not Encountered	Angle From Horizontal/Bearing: 90°

Depth (ft) Elevation (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification		Laboratory						Other Tests and Field Notes	
							Description	Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit	Water Content (%)	Dry Unit Weight (pcf)	Passing #4 Sieve (%)		Passing #200 Sieve (%)
25-171.0		7	16 17 8			SM	Silty SAND (SM): (continued)									
						CL	Sandy LEAN CLAY (CL): brown, moist, subangular, fine to coarse sand	F	LP							
30-176.0		8B 8C	12 19 25	>4.5		SM	Silty SAND (SM): red-brown, moist, subangular, fine to coarse sand	MD	LP							
35-181.0		9A9B 9C	12 18 20	2.5		CL	LEAN CLAY (CL): brown, moist, fine sand	F	MP							
40-186.0		10B 10C	11 14 25	3.5		ML	Sandy SILT (ML): light brown, moist, fine sand	H	NP							
491.0		11	10 16 38			SP-SM	Poorly Graded SAND With Silt And Gravel (SP-SM): yellow-brown, moist, fine sand, coarse gravel	VD	NP							

SOIL BORING LOG KA CORPORATE STD.GDT KA CORPORATE STD.-092011.GLB GOLZALES.GPJ 7/19/12




Project Number: 127923
 Date: 06-28-12
 Entry By: A. Gekas
 Checked By: CF
 File Name: GonzalesC-Center

BORING LOG B-6

**GONZALES COMMUNITY CENTER
GONZALES, CALIFORNIA**

Plate
2 of 3
A-9

Boring Number: B-6	Location: See Plate 1	Drilling Method: Hollow-stem auger
Boring Total Depth: 50.0 ft	Coordinates (X/Y, Lat/Long): ft / ft	Drilling Equipment: B-53
Depth to Rock: No Rock was Encountered	Datum/Coordinate System: N/A	Drilling Company: Exploration Geoservices
Date Begin/End: 06-20-12 / 06-20-12	Top of Boring Elevation: 146.0 ft	Bit Size/Type: 8-inch
Surface Conditions: AC Pavement	Coordinate Data Source: Google Earth	Hammer Type/Method: Wireline
Groundwater Meas. Pt. Ground Surface	Depth to Groundwater Initial/Time: Not Encountered	Hammer Drop/Weight: 30 in. / 140 lbs.
Logged By: RGH	Depth to Groundwater Final/Time: Not Encountered	Angle From Horizontal/Bearing: 90°

Depth (ft) Elevation (ft)	Sample Type Symbol	Sample Number	Blows per 6 in.	Pocket Pen. (tsf)	Graphic Log	ASTM Symbol	Field Soil Description & Classification				Laboratory				Other Tests and Field Notes				
							Description				Consistency / Apparent Density	Plasticity	Plasticity Index	Liquid Limit		Water Content (%)	Dry Unit Weight (pcf)	Passing #4 Sieve (%)	Passing #200 Sieve (%)
50-196.0		12	14 15 42			SP-SM	Poorly Graded SAND With Silt And Gravel (SP-SM): (continued) Moist				VD								No recovery
Boring terminated at 50 feet. No free water encountered. Boring backfilled with soil cuttings.																			
55-201.0																			
60-206.0																			
65-211.0																			

SOIL BORING LOG KA CORPORATE STD.GDT KA CORPORATE STD.-092011.GLB GOLZALES.GPJ 7/19/12



Project Number: 127923
 Date: 06-28-12
 Entry By: A. Gekas
 Checked By: CF
 File Name: GonzalesC-Center

BORING LOG B-6

**GONZALES COMMUNITY CENTER
GONZALES, CALIFORNIA**

Plate
3 of 3
A-9

APPENDIX B

LABORATORY TEST RESULTS

KA LAB SUMMARY KA CORPORATE STD.GDT KA CORPORATE STD.-092011.GLB GOLZALES.GPJ 7/11/12

BORING NO.	SAMPLE DEPTH (ft)	DRY UNIT WEIGHT (pcf)	MOISTURE CONTENT (% of dry weight)	PARTICLE SIZE SIEVE SIZE (percent passing)						ATTERBERG LIMITS		OTHER TESTS
				6"	3"	3/4"	#4	#10	#200	L.L.	P.I.	
B-2	5.5	118	15									
B-3	5.5									37	23	
B-4	5.5	113	14									
B-5	6.0								55			
B-6	2.0		8									
B-6	6.0								61			



Project Number: 127923
 Date: 06-28-12
 Entry By: A. Gekas
 Checked By: CF
 File Name: GonzalesC-Center

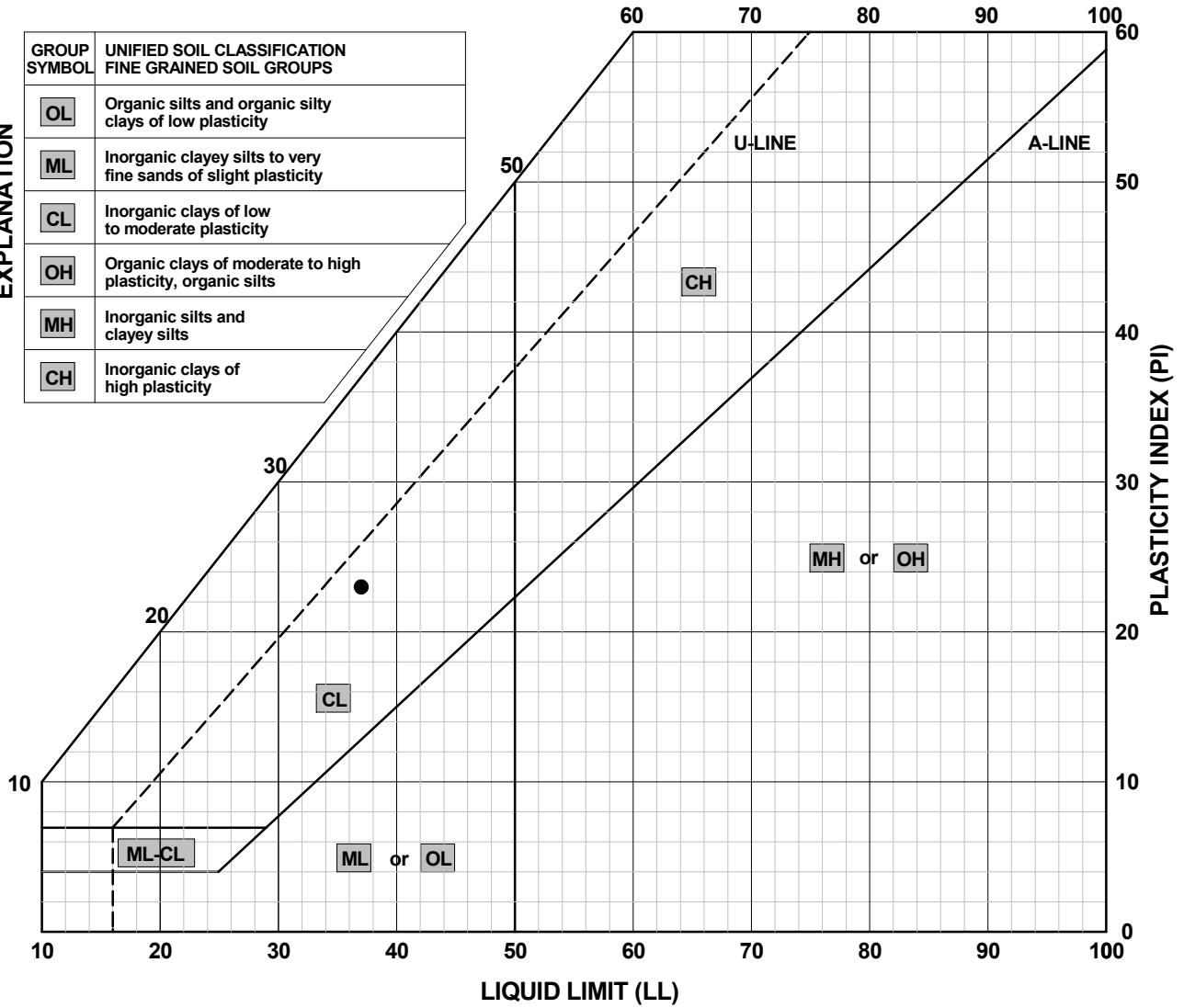
SUMMARY OF LABORATORY TESTS

GONZALES COMMUNITY CENTER
 GONZALES, CALIFORNIA

Plate
 1 of 1
B-1

EXPLANATION

GROUP SYMBOL	UNIFIED SOIL CLASSIFICATION FINE GRAINED SOIL GROUPS
OL	Organic silts and organic silty clays of low plasticity
ML	Inorganic clayey silts to very fine sands of slight plasticity
CL	Inorganic clays of low to moderate plasticity
OH	Organic clays of moderate to high plasticity, organic silts
MH	Inorganic silts and clayey silts
CH	Inorganic clays of high plasticity



LEGEND:	SOURCE	DEPTH (ft)	LL	PL	PI	DESCRIPTION
●	B-3	5.5	37	14	23	Brown Sandy LEAN CLAY (CL)



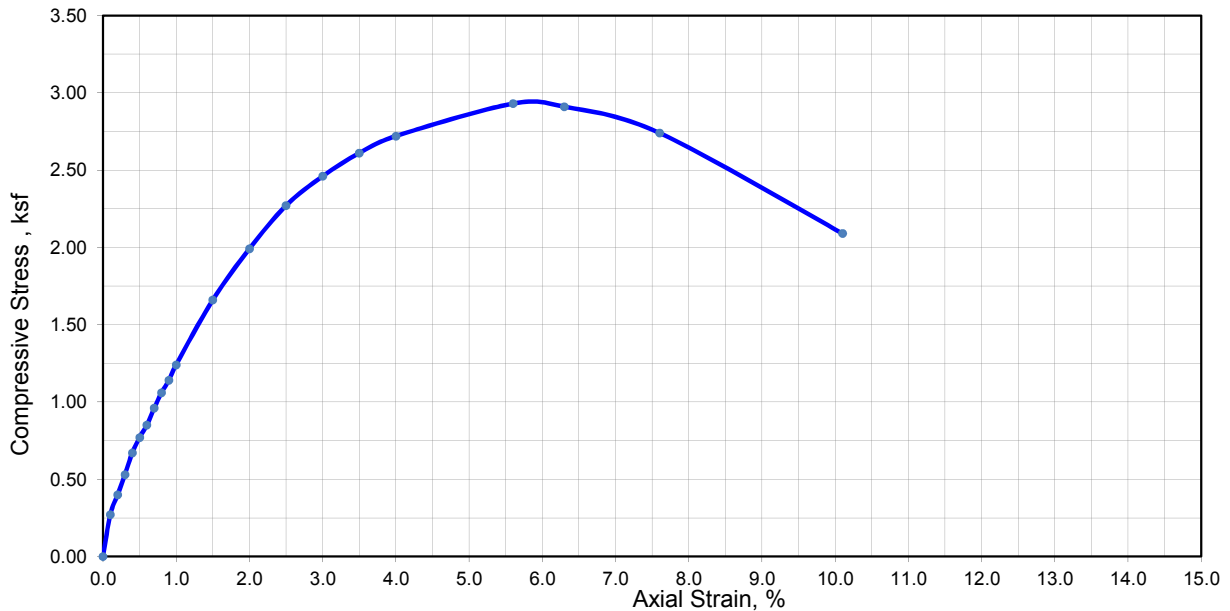
Project Number: 127923
 Date: 06-28-12
 Entry By: A. Gekas
 Checked By: CF
 File Name: GonzalesC-Center

PLASTICITY CHART

 GONZALES COMMUNITY CENTER
 GONZALES, CALIFORNIA

Plate
 1 of 1
B-2

Unconfined Compression Test Report



Specimen Failure Picture	Specimen No.		1	
	Initial	Diameter, in	D ₀	2.40
		Height, in	H ₀	5.85
		Water Content, %	ω ₀	14.6
		Dry Density, lbs/ft ³	γ _{d0}	117.5
		Saturation, %	S ₀	95.0
		Void Ratio	e ₀	0.407
	Time to Failure, min.	t _f	5.0	
	Unconfined Compressive Strength, ksf	q _u	2.93	
	Shear Strength, ksf	s _u	1.46	
	Strain at Failure, %	ε _f	5.6	
Average Rate of Strain to Failure, %/min	ε	1.0		

Description of Specimen: Brown Clayey Sand (SC)

Amount of Material Finer than the No. 200, %: nm

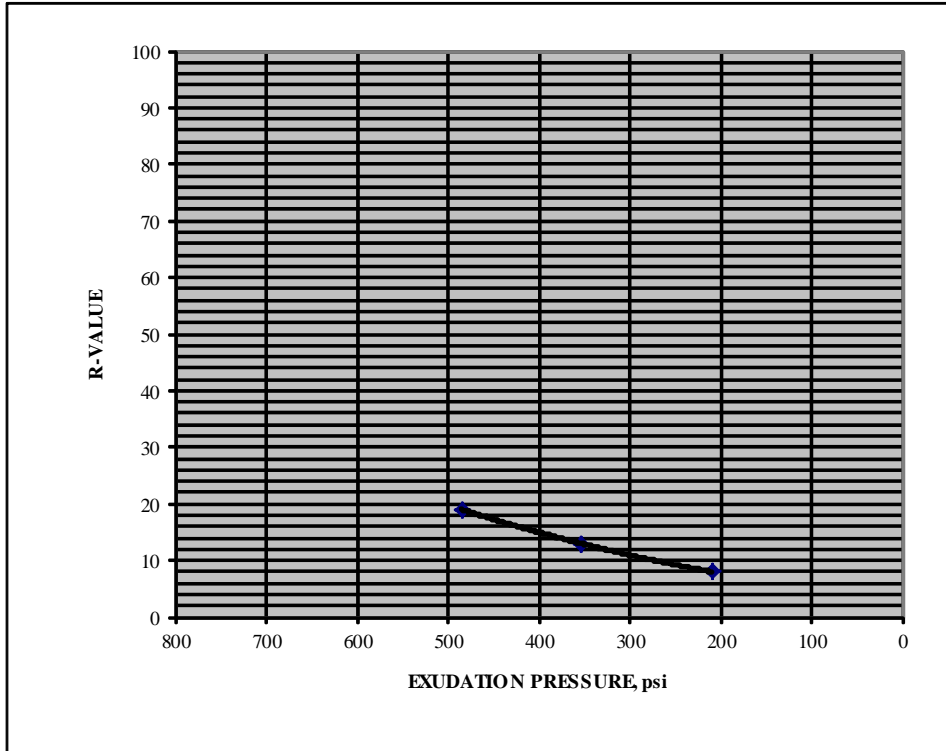
LL: nm | PL: nm | PI: nm | G_s: 2.65 Assumed | Specimen Type: Undisturbed | Test Method: ASTM D 2166

nm = not measured, na = not applicable

Boring:	B-2	
Sample:	2-3-1	
Depth, ft:	6	
Test Date:	41092	

	PROJECT NO.:	127923	UNCONFINED COMPRESSION	PLATE 1 of 1 B-3
	DRAWN:	7/5/2012		
	DRAWN BY:	CP		
	CHECKED BY:			
FILE NAME:	127923	GONZALES COMMUNITY CENTER GONZALES, CALIFORNIA		

Project Name: GONZALES COMMUNITY CENTER
Project No.: 127923
Lab No.: HL4548
Sample No.: B-1 @ 0.0' - 5.0'
Material Description: Gray-Brown Silty SAND (SM)
Report Date: June 27, 2012



Specimen No.	A	B	C
Moisture at Test, %	11.0	11.9	10.0
Dry Unit Weight at Test, pcf	125.6	122.2	123.1
Expansion Pressure, psf	48	0	134
Exudation Pressure, psi	353	210	485
Resistance Value	13	8	19

EXPANSION PRESSURE AT 300 PSI EXUDATION PRESSURE, psf	25
R - VALUE AT 300 PSI EXUDATION PRESSURE	11

Reviewed By: _____

Date: _____



Project Number: 127923
 Date: JULY 2012
 Entry By: AG
 Checked By: CF
 File Name: 127923-EI.dwg

RESISTANCE VALUE OF SOILS
R-1

GONZALES COMMUNITY CENTER
 GONZALES, CALIFORNIA

Plate

B-4

APPENDIX C

EXHIBIT 1 – SUMMARY OF COMPACTION REQUIREMENTS

Exhibit 1 Summary of Compaction Recommendations

Area	Compaction Recommendation ^(1,2,3,4)
General Engineered Fill	<p>Compact clayey material to a minimum of 90 percent compaction at a minimum of 2 percent over the optimum moisture content.</p> <p>Compact granular material to a minimum of 90 percent compaction at near the optimum moisture content.</p>
Trenches ⁽⁶⁾	<p>Compact clayey material to a minimum of 90 percent compaction at a minimum of 2 percent over the optimum moisture content.</p> <p>Compact granular material to a minimum of 90 percent compaction at near the optimum moisture content.</p>
Exterior Flatwork ⁽⁷⁾	<p>Compact clayey material to a minimum of 90 percent compaction at a minimum of 2 percent over the optimum moisture content.</p> <p>Compact granular material to a minimum of 90 percent compaction at near the optimum moisture content.</p>
Parking and Access Driveways ⁽⁷⁾	<p>Compact upper 12 inches of clayey subgrade to a minimum of 92 percent relative compaction at a minimum of 2 percent over the optimum moisture content. Compact upper 12 inches of granular subgrade to a minimum of 95 percent relative compaction at near the optimum moisture content. Compact baserock to a minimum of 95 percent compaction at near the optimum moisture content. This applies to the upper portion of trenches crossing paved areas of the site.</p>

Notes:

1. All compaction requirements refer to relative compaction as a percentage of the laboratory standard described by ASTM D-1557.
2. All lifts to be compacted shall be a maximum of 8 inches loose thickness, unless otherwise recommended.
3. All compacted surfaces should be firm, stable, and unyielding under compaction equipment.
4. Where fills are deeper than 7 feet, the portion below 7 feet should be compacted to a minimum of 95 percent.
5. Includes building pad.
6. In landscaping areas, this percent compaction in trenches may be reduced to 85 percent.
7. Depths are below finished subgrade elevation.

APPENDIX D

CERCO CORROSION TEST RESULTS AND SUMMARY



1100 Willow Pass Court, Suite A
Concord, CA 94520-1006
925 462 2771 Fax: 925 462 2775
www.cercoanalytical.com

5 July, 2012



Ms. Andrea. Massie
Kleinfelder
1330 Broadway, Suite 1200
Oakland, CA 94612

Subject: Project No.: 127923
Project Name: Gonzales Community Center
Corrosivity Analysis – ASTM Test Methods

Dear Ms. Massie:

Pursuant to your request, CERCO Analytical has analyzed the soil sample submitted on June 27, 2012. Based on the analytical results, this brief corrosivity evaluation is enclosed for your consideration.

Based upon the resistivity measurement, the sample is classified as “corrosive”. All buried iron, steel, cast iron, ductile iron, galvanized steel and dielectric coated steel or iron should be properly protected against corrosion depending upon the critical nature of the structure. All buried metallic pressure piping such as ductile iron firewater pipelines should be protected against corrosion.

The chloride ion concentration is 24 mg/kg. Because the chloride ion concentration is less than 300 mg/kg, they are determined to be insufficient to attack steel embedded in a concrete mortar coating.

The sulfate ion concentration is 100 mg/kg and is determined to be insufficient to damage reinforced concrete structures and cement mortar-coated steel at these locations.

The pH of the soil is 7.5 which does not present corrosion problems for buried iron, steel, mortar-coated steel and reinforced concrete structures.

The redox potential is 520-mV which is indicative of aerobic soil conditions.

This corrosivity evaluation is based on general corrosion engineering standards and is non-specific in nature. For specific long-term corrosion control design recommendations or consultation, please call *JDH Corrosion Consultants, Inc.* at (925) 927-6630.

We appreciate the opportunity of working with you on this project. If you have any questions, or if you require further information, please do not hesitate to contact us.

Very truly yours,
CERCO ANALYTICAL, INC.

A handwritten signature in black ink that reads 'Cheryl McNeil for J. Darby Howard, Jr.'

J. Darby Howard, Jr., P.E.
President

JDH/jdl
Enclosure



1100 Willow Pass Court, Suite A
Concord, CA 94520-1006
925 462 2771 Fax: 925 462 2775
www.cercoanalytical.com

Client: Kleinfelder
Client's Project No.: 127923
Client's Project Name: Gonzales Community Center
Date Sampled: 20-Jun-12
Date Received: 27-Jun-12
Matrix: Soil
Authorization: Signed Chain of Custody

Date of Report: 5-Jul-2012

Job/Sample No.	Sample I.D.	Redox (mV)	pH	Conductivity (umhos/cm)*	Resistivity (100% Saturation)			
					(ohms-cm)	Sulfide (mg/kg)*	Chloride (mg/kg)*	Sulfate (mg/kg)*
1206198-001	B-4 4-2 @ 2.5'	520	7.5	-	1,800	-	24	100

Method:	ASTM D1498	ASTM D4972	ASTM D1125M	ASTM G57	ASTM D4658M	ASTM D4327	ASTM D4327
Detection Limit:	-	-	10	-	50	15	15
Date Analyzed:	3-Jul-2012	3-Jul-2012	-	2-Jul-2012	-	3-Jul-2012	3-Jul-2012

Cheryl McMillen
Cheryl McMillen
Laboratory Director

* Results Reported on "As Received" Basis
N.D. - None Detected

Photometric Lighting Study

City of Gonzales

Gonzales Community Center Project

Photometric Lighting Study

This study was funded by
Community Development Block Grant (CDBG)
Planning & Technical Assistance
Grant No. 11-PTEC-7626



January 2013

**Gonzales Community
Center Project**

Photometric Lighting Study

Prepared for:

**City of Gonzales
Community Development Department**
P.O. 647 / 147 Fourth Street
Gonzales, CA 93926

Prepared by:

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This study was funded by Community Development Block Grant (CDBG)
Planning & Technical Assistance Grant No. 11-PTEC-7626.

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Gonzales Community Center Project Photometric Lighting Study

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GONZALES COMMUNITY CENTER PROJECT GONZALES, MONTEREY COUNTY PHOTOMETRIC LIGHTING STUDY

This report analyzes the potential light and glare impacts of the Gonzales Community Center project in the City of Gonzales, California. This report has been prepared by Rincon Consultants, Inc. for use by the City of Gonzales in support of the permitting, design and future construction of the Gonzales Community Center. This study may be incorporated into future environmental review of the project in accordance with the California Environmental Quality Act (CEQA) and/or the National Environmental Policy Act (NEPA), as appropriate. The purpose of this study is to analyze the community center facility's potential to create light and glare impacts on surrounding properties, including potential light and glare impacts from on-site lighting and vehicles using the project site.

PROJECT DESCRIPTION

The Gonzales Community Center project would involve the development of a 28,000 square foot community center facility featuring a library suite, classrooms, kitchen, multi-purpose gymnasium/auditorium, storage, and an outdoor stage and seating, as well as parking and outdoor areas. The outdoor stage is expected to involve the use of amplified sound equipment for events and performances, and may also involve the use of temporary outdoor lighting. The community center facility would provide 191 on-site parking spaces. The project site totals approximately three acres and is located on the south side of 5th Street, west of Rincon Road adjacent to the Fairview Middle School campus, in Gonzales, California. Project site access would be via a single driveway on 5th Street.

The site was previously used as a Monterey County Housing Authority housing complex. The housing complex and underground utilities have been removed, and the site now contains a cul-de-sac roadway, sidewalk and curb/gutters, and ornamental trees lining the former roadway (Gabilan Court). The site is bordered by Fairview Middle School to the southwest, single-family residences to the northeast and southeast, and 5th Street and Gonzales High School baseball fields to the northwest.

The Community Center would be located immediately adjacent, and incorporated into, the joint-use gymnasium complex on the Fairview Middle School campus, which was constructed in 2010.

SETTING

Overview of Light and Glare

Light and glare (which is created by direct or reflected visual exposure to a light source) can be created by both natural and artificial sources. Artificial exterior and interior lighting can be a concern when substantial illumination spills over into surrounding environments such as to disrupt the existing use of the adjacent space (also known as "light trespass"). Artificial lighting is used for multiple functions. It enhances visibility and safety along roadways and other public



spaces for vehicles, bicyclists, and pedestrians. It can also serve to interpret site plan arrangement by emphasizing certain elements of a site such as building entryways, signage, and landscaping.

Light and glare impacts are primarily a concern at night, when artificial lighting sources are in use. However, glare impacts also occur during the day, when sunlight reflects from structures, roadways, and cars. Glare can be equated to objectionable brightness, ranging from the worst case of disability glare, where visibility is lost, to annoyance glare, where the light is distracting and uncomfortable. Substantial glare from outdoor light sources actually decreases overall night lighting as the viewer is unable to perceive objects in the field of view near to the glare source.

Regulatory Setting

No California State or federal regulations that directly control lighting apply to this project. Implementing Action CC-8.1.8 of the Community Character Chapter of the Gonzales 2010 General Plan recommends that the City require new development, with special attention to commercial and industrial development, to reduce light pollution by designing exterior lighting to be downward cast and hooded. Section 12.120.100 of the Gonzales Municipal Code requires that lighting of parking spaces shall be so arranged as to be directed downward and away from any residential area. Section 12.112.010, *Commercial and Industrial Performance Standards*, of the Gonzales Municipal Code states (under part B of that section) that no land or building shall be used or occupied in any manner so as to create glare in such a manner or in such amount as to unreasonably adversely affect the surrounding area or adjoining premises. Part C.7 of this section stipulates performance standards for glare requiring that no direct or sky reflected glare shall emanate from any establishment or use so as to be visible at a distance of five hundred feet (500') from said establishment or use. This requirement is consistent with Section 12.120.100 of the Municipal Code, in that lighting directed downward onto the subject property would not create direct glare onto adjacent properties because the light source would not be directly visible off the subject property.

Section 12.60.010.G of the Gonzales Municipal Code states that the intent of the R-1 Low Density Residential zoning district is to protect residential properties from certain objectionable influences including glare. Residential neighborhoods to the northeast and southeast of the project site are in the R-1 zoning district.

Project Site Setting

Existing nighttime light sources in the area include the headlights of vehicles travelling on area streets, driveways, and parking lots; streetlights; pole-mounted lights on private property usually used to illuminate areas such as parking lots; other exterior building illumination such as lighting used to illuminate signs, landscaping, and building exteriors; and interior lighting spillover from windows. The ambient light environment can be accentuated during periods of low clouds or fog.

The major source of vehicular illumination adjacent to the project site is from vehicles travelling along 5th Street. One streetlight is located on the northwest side of 5th Street directly across from the project site. This streetlight is affixed to a power pole at a height of approximately 20 feet.



Streetlights are also located in the residential neighborhood along Rincon Road and Fairview Drive to the east of the project site, some of which are visible from the project site over the tops of homes in this neighborhood. Several surrounding uses also produce light from exterior building illumination that may affect the project site, the closest of which is the Fairview Middle School campus on the southwest side of the project site.

To assess the current light environment in the area, Rincon Consultants performed an illumination survey on and around the project site on Monday, January 7th, 2013 between 7:45 p.m. and 8:15 p.m., using an Extech Model EA31 handheld light meter measuring footcandles (fc), a standard metric of illumination roughly equaling the amount of illumination produced by a candle at a distance of one foot. Following standard methodology, the light meter was held horizontally about three feet above the ground at sample locations at the property boundaries, and along 5th Street, Rincon Road, and Fairview Drive. The results of this survey are illustrated in Figure 1, which shows that light levels on the project site ranged from a low of 0.01 fc in the middle of the southeast border of the site, to a high of 0.29 fc on the southwest corner of the site facing the side of the gymnasium on the Fairview Middle School campus, which was illuminated at the time. Light readings along the southeast and northeast borders of the site were taken at sufficient distance from the fence along the property line that the streetlights along Rincon Road were visible, thereby accounting for light from that source. Light levels in four locations along Rincon Road and Fairview Drive were also recorded, and ranged from 0.02 fc to 0.15 fc, as shown on Figure 1.

Sensitive Receptors

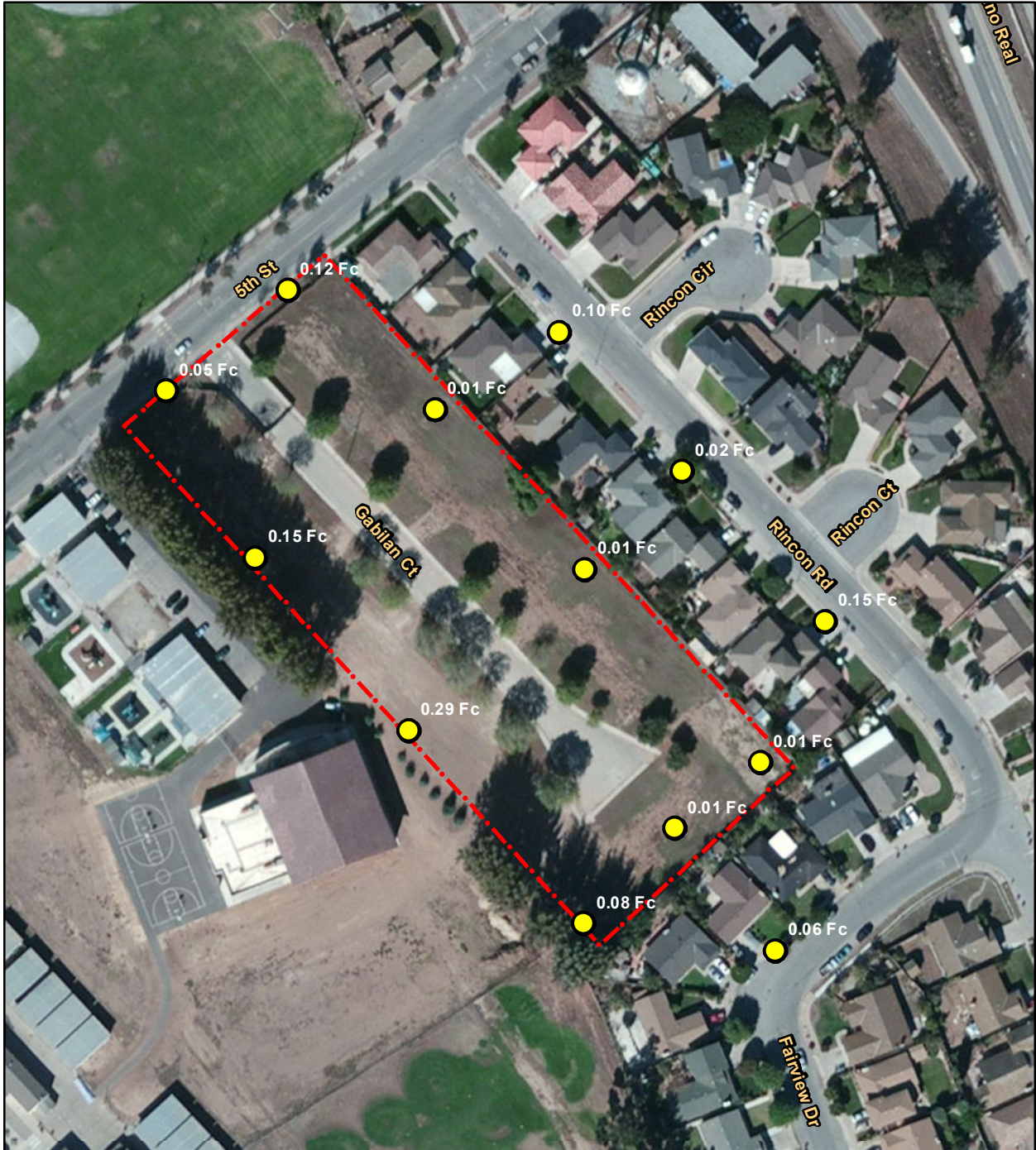
Light-sensitive receptors generally include residences or other areas where people sleep. The closest light-sensitive receptors to the project site are the residences along Rincon Road and Fairview Drive to the northeast and southeast of the project site. These residences are partially screened from view of the project site by continuous fences along their backyards, and also in some cases by landscaping in their back yards.

IMPACT ANALYSIS



Methodology

Current lighting levels on and around the project site are estimated based on the results of the illumination survey performed by Rincon Consultants on and around the project site on Monday, January 7th, 2013 between 7:45 p.m. and 8:15 p.m., as described above. Future lighting levels on and around the project site are determined from the Photometric Site Plan for the project provided by Aurum Consulting Engineers and Kasavan Architects, shown in Figure 2, which shows light levels, in fc, anticipated to be created by on-site lighting on and immediately around the project site. The project is assessed based on applicable City standards discussed above, and to determine whether or not it would create a substantial source of light or glare which would adversely affect light-sensitive receptors or day or nighttime views in the area. The Institution of Lighting Engineers (ILE) has suggested limits on light trespass in terms of the amount of light that is cast on the surface of a window for different land uses (Rensselaer Polytechnic Institute, February 2007). For outer urban or rural residential areas (locations with low ambient brightness), the recommended limit is no more than 0.5 fc before curfew (typically 11:00 p.m.) and no more than 0.1 fc after curfew.





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-  Site Boundary
-  Survey Location

0 75 150 Feet

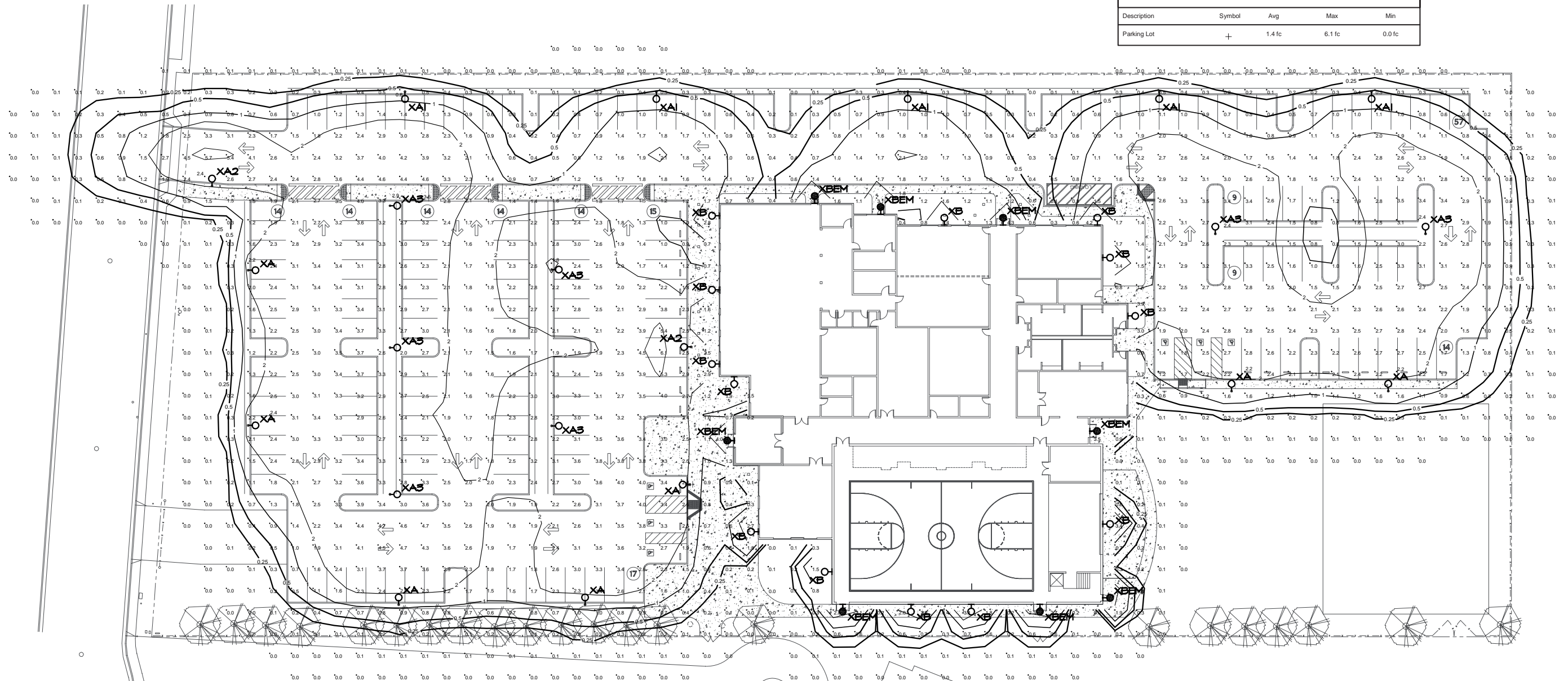


Illumination Survey Results

Figure 1
City of Gonzales

LUMINAIRE SCHEDULE								
Symbol	Label	Qty	Catalog Number	Description	Lamp	Lumens	LLF	Watts
	XB	13	2240P_42W	SURFACE WALL LUMINAIRE W/LOUVERS	(1) 42W CF TRIPLE-4P	3200	0.70	46
	XBEM	8	2240P_42W	SURFACE WALL LUMINAIRE W/LOUVERS	(1) 42W CF TRIPLE-4P	3200	0.70	46
	XA	7	P21-4-130LA-NW	PUREFORM	(1) LIGHT ARRAY OF 80 LEDs DRIVEN AT 530mA	Absolute	0.89	132.5
	XA3	7	P21-5M-130LA-NW	PUREFORM	(1) LIGHT ARRAY OF 80 LEDs DRIVEN AT 530mA	Absolute	0.89	132.4
	XA2	1	P21-2-130LA-NW	PUREFORM	(1) LIGHT ARRAY OF 80 LEDs DRIVEN AT 530mA	Absolute	0.89	132.8
	XA1	5	P21-4-130LA-NW-EHHS	PUREFORM	(1) LIGHT ARRAY OF 80 LEDs DRIVEN AT 530mA	Absolute	0.89	131

STATISTICS				
Description	Symbol	Avg	Max	Min
Parking Lot	+	1.4 fc	6.1 fc	0.0 fc



Photometric Site Plan

Project Impacts

As shown on Figure 2, the project would include 21 surface wall-mounted luminaires (XB and XBEM) with louvers placed around the perimeter of the proposed Community Center building; as well as 20 pole-mounted LED lights (XA, XA1, XA2, and XA3) distributed throughout the proposed parking lot. These new lighting sources would have the potential to affect nearby light-sensitive receptors along Rincon Road and Fairview Drive to the northeast and southeast of the project site. These residential neighborhoods are in the R-1 Residential Low Density zoning district, the intent of which is, in part, to protect residential properties from certain objectionable influences including glare. Some light would also be directed to 5th Street to illuminate the project driveway. Light spillage could also occur onto the neighboring Fairview Middle School campus, but this land use is not considered a light-sensitive receptor.

The lighting proposed for the project site, as shown on Figure 2, would produce illumination levels of no more than 0.1 fc at the northern property line, where the adjacent residences along Rincon Road are setback approximately 20 feet from the property line. This lighting level is approximately equivalent to that of deep twilight. Existing light levels in this area are very low, with the light survey recording light levels of 0.01 fc, as shown in Figure 1. The proposed project lighting would produce up to 0.9 fc along the southeast boundary of the project site, which abuts the backyards of homes along Fairview Drive. These residences are setback from the property line by approximately 25 feet, and proposed lighting would not exceed 0.1 fc at a distance of 17 feet from the property line. Existing light levels along this side of the project site are also very low, with levels of 0.01 fc except at the southern tip of the site, where the survey recorded a level of 0.08 fc. The project proposes no permanent lighting at the southern corner of the site, and would produce no permanent increase in lighting at this location.

As stated under *Regulatory Setting*, no state or federal regulations regarding lighting apply to this project, and the City's Municipal Code simply requires that lighting of parking spaces shall be so arranged as to be directed downward and away from any residential area. As shown on Figure 2, the proposed lighting would be focused downwards onto the project site, with maximum on-site light levels at 6.1 fc, but light levels at the project's boundary would be no greater than 0.9 fc, as discussed above. This lighting level would decrease to 0.1 fc at 17 feet from the property line. The Institution of Lighting Engineers (ILE) has suggested limits on light trespass in terms of the amount of light that is cast on the surface of a window for different land uses (Rensselaer Polytechnic Institute, February 2007). For outer urban or rural residential areas (locations with low ambient brightness), the recommended limit is no more than 0.5 fc before curfew (typically 11:00 p.m.) and no more than 0.1 fc after curfew. Given the existing setback distance, the proposed project would produce light levels less than 0.1 fc at the neighboring windows and therefore would not cause an excessive increase in off-site illumination.

Potential sources of reflected glare from the proposed project would consist of glazing (windows) on the proposed Community Center building, the sun's reflected glare from metallic or glass surfaces on vehicles, and car headlights. As shown on the applicant-provided renderings in Figures 3 and 4, the only reflective materials on the proposed buildings would be windows. The most significant glazing is located on the easterly elevation of the building, which faces towards residences along Rincon Road. Because these windows face generally northeast, sunlight would be reflected from them only for a short time during the summer, and given the steep sun angle at that time, no direct sun glare would be anticipated to affect the



adjacent residences. Furthermore, existing fencing between existing residences and the project site would limit such reflected glare.

Reflected daytime glare from windows and reflective surfaces on vehicles, and nighttime glare from vehicle headlights would be limited because of the limited surface areas of the building covered by windows and because the site would be screened from the adjacent residential neighborhoods by existing fencing along the property line between the project site and these areas. Some light and glare from these sources may penetrate through the line of trees along the southwestern boundary of the project site to the neighboring Fairview Middle School campus, including daycare buildings and a joint use gymnasium located near the site. However, these are not considered light-sensitive uses because they do not include areas where people normally sleep. Also, because the activities at these uses occur mostly indoors, they would not be significantly affected by daytime glare from reflective surfaces on vehicles. Also, an existing parking lot is located along the northeast side of the daycare center where it borders the project site, and daytime reflective glare from vehicles and nighttime glare from vehicle headlights already occur in this location closer to the existing use than would be introduced by the project.

The community center facility would include an outdoor stage and seating to the southwest of the building. Although, as shown on Figure 2, no permanent lighting is currently proposed for this part of the site, during events and performances, the outdoor stage may involve the use of lighting. It is not anticipated that the outdoor stage would operate during the nighttime hours (10:00 p.m. to 7:00 a.m.). Based on the current site plans, the outdoor stage would be located 90 feet northwest of the single-family residences adjacent to the southeast boundary of the project site, 130 feet west of the single-family residences adjacent to the northeast boundary of the project site, and 190 feet southeast of the day care facilities on the Fairview Middle School campus. At this distance, it is unlikely that any lighting used on this part of the site would be directly visible from light-sensitive receptors to the northeast and southeast of the site. However, the following measure is recommended to reduce the potential for temporary light or glare impacts to neighboring residences:

- L-1 Temporary Stage Lighting.** Any temporary lighting used during outdoor performances or events shall be shielded, directed downwards, and produce no light spillover onto adjacent residential properties. Compliance with this requirement as necessary shall be based on levels not exceeding 0.5 footcandle as measured at the nearest bedroom window.

With implementation of this recommended measure, the proposed project would not produce excessive light levels or glare that would exceed the standards of the City of Gonzales or adversely affect light-sensitive receptors or day or nighttime views in the area. The levels of light and glare produced by the project would also be generally consistent with the urbanized nature of the area, and would thus not adversely affect day or nighttime views.





Northeast Elevation Rendering

Source: Kasavan Architectecs, December 2012.

Figure 3
City of Gonzales





Northwest Elevation Rendering

Source: Kasavan Architectecs, December 2012.

Figure 4
City of Gonzales



REFERENCES

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<http://www.lrc.rpi.edu/programs/nlpip/lightinganswers/lightpollution/abstract.asp>



Acoustical Study

City of Gonzales

Gonzales Community Center Project

Acoustical Study

This study was funded by
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Planning & Technical Assistance
Grant No. 11-PTEC-7626



April 2013

Gonzales Community Center Project

Acoustical Study

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P.O. 647 / 147 Fourth Street
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April 2013

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Gonzales Community Center Project Acoustical Study

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GONZALES COMMUNITY CENTER PROJECT GONZALES, MONTEREY COUNTY ACOUSTICAL STUDY

This report is an analysis of the potential noise impacts of the Gonzales Community Center project in the City of Gonzales. The report has been prepared by Rincon Consultants, Inc. for use by the City of Gonzales, in support of the permitting, design and future construction of the Gonzales Community Center. This study may be incorporated into future environmental review of the project in accordance with the California Environmental Quality Act (CEQA) and/or the National Environmental Policy Act (NEPA), as appropriate. The purpose of this study is to analyze the community center facility's potential temporary noise impacts associated with construction activity and long-term noise impacts associated with project operation, including roadway noise from vehicle trips that would be generated by the community center facility. The analyses herein are based partially on the project traffic and parking analysis prepared by Wood Rogers (July 2012).

PROJECT DESCRIPTION

The Gonzales Community Center project would involve the development of a 28,000 square foot community center facility featuring a library suite, classrooms, kitchen, multi-purpose gymnasium/auditorium, storage, and an outdoor stage and seating, as well as parking and outdoor areas. The outdoor stage is expected to involve the use of amplified sound equipment for events and performances. The community center facility would provide 193 on-site parking spaces. The project site totals approximately three acres and is located on the south side of 5th Street, west of Rincon Road adjacent to the Fairview Middle School campus, in Gonzales, California. Project site access would be via a single driveway on 5th Street.

The site was previously used as a former Monterey County Housing Authority housing complex. The housing complex and underground utilities have been removed, and the site now contains a cul-de-sac roadway, sidewalk and curb/gutters, and ornamental trees lining the former Gabilan Court. The site is bordered by Fairview Middle School to the southwest, single-family residences to the northeast and southeast, and 5th Street and Gonzales High School baseball fields to the northwest.

The Community Center would be located immediately adjacent, and incorporated into, the joint-use gymnasium complex on the Fairview Middle School campus, which was constructed in 2010.

SETTING

Overview of Sound Measurement

Noise level (or volume) is generally measured in decibels (dB) using the A-weighted sound pressure level (dBA). The A-weighting scale is an adjustment to the actual sound pressure levels to be consistent with that of human hearing response, which is most sensitive to frequencies around 4,000 Hertz (about the highest note on a piano) and less sensitive to low frequencies (below 100 Hertz).



Sound pressure level is measured on a logarithmic scale with the 0 dB level based on the lowest detectable sound pressure level that people can perceive (an audible sound that is not zero sound pressure level). Based on the logarithmic scale, a doubling of sound energy is equivalent to an increase of 3 dB, and a sound that is 10 dB less than the ambient sound level has no effect on ambient noise. Because of the nature of the human ear, a sound must be about 10 dB greater than the reference sound to be judged as twice as loud. In general, a 3 dB change in community noise levels is noticeable, while 1-2 dB changes generally are not perceived. Quiet suburban areas typically have noise levels in the range of 40-50 dBA, while arterial streets are in the 50-60+ dBA range. Normal conversational levels are in the 60-65 dBA range, and ambient noise levels greater than 65 dBA can interrupt conversations.

Noise levels typically attenuate (drop off) at a rate of 6 dB per doubling of distance from point sources (such as industrial machinery). Noise from lightly traveled roads typically attenuates at a rate of about 4.5 dB per doubling of distance. Noise from heavily traveled roads typically attenuates at about 3 dB per doubling of distance. Noise levels may also be reduced by intervening structures; generally, a single row of buildings between the receptor and the noise source reduces the noise level by about 5 dBA, while a solid wall or berm reduces noise levels by 5 to 10 dBA. The manner in which older homes in California were constructed (approximately 30 years old or older) generally provides a reduction of exterior-to-interior noise levels of about 20 to 25 dBA with closed windows. The exterior-to-interior reduction of newer residential units and office buildings is generally 30 dBA or more (HMMH, 2006).

Noise levels referenced in this study are reliant upon the distance of a noise receiver (or receptor) to the noise source: the noise level from any source will vary depending on the distance the receiver is from the source. Based on standard industry methodology, a reference distance of 50 feet is used in this study.

In addition to the actual instantaneous measurement of sound levels, the duration of sound is important since sounds that occur over a long period of time are more likely to be an annoyance or cause direct physical damage or environmental stress. One of the most frequently used noise metrics that considers both duration and sound power level is the equivalent noise level (Leq). The Leq is defined as the single steady A-weighted level that is equivalent to the same amount of energy as that contained in the actual fluctuating levels over a period of time (essentially, the average noise level). Typically, Leq is summed over a one-hour period. Lmax is the highest RMS (root mean squared) sound pressure level within the measuring period, and Lmin is the lowest RMS sound pressure level within the measuring period.

The time period in which noise occurs is also important since noise that occurs at night tends to be more disturbing than that which occurs during the day. Community noise is usually measured using Day-Night Average Level (Ldn), which is the 24-hour average noise level with a 10-dBA penalty for noise occurring during nighttime (10 p.m. to 7 a.m.) hours, or Community Noise Equivalent Level (CNEL), which is the 24-hour average noise level with a 5 dBA penalty for noise occurring from 7 p.m. to 10 p.m. and a 10 dBA penalty for noise occurring from 10 p.m. to 7 a.m. Noise levels described by Ldn and CNEL usually do not differ by more than 1 dB.



Regulatory Setting

In 1976, the California Department of Health, State Office of Noise Control published a recommended noise/land use compatibility matrix which many jurisdictions have adopted as a standard in their general plan noise elements. This matrix indicates that residential land uses and other noise-sensitive receptors generally should locate in areas where outdoor ambient noise levels do not exceed 65 to 70 dBA (CNEL or Ldn).

The City of Gonzales 2010 General Plan Community Health and Safety Element contains Policies 8.1 and 8.2, which establish allowable noise exposure levels from transportation and stationary sources of noise. These noise standards are shown in Table 1. In addition, Title 24 of the California Health and Safety Code establishes an interior noise standard of 45 dBA for multiple residential unit and hotel/motel structures.

Table 1
Maximum Allowable Noise Exposure Levels

Transportation Noise Sources		
	Outdoor Activity Areas	Indoor Living Areas
New Noise-Sensitive Land Uses	60 dB Ldn ^{1, 2}	-
New Transportation Noise	60 dB Ldn ¹	45 dB Ldn
Stationary Noise Sources³		
	Daytime (7:00 a.m. to 10:00 p.m.)	Nighttime (10:00 p.m. to 7:00 a.m.)
Hourly Leq	55 dBA	50 dBA
Maximum Level	70 dBA	65 dBA

1. 65 dB Ldn is allowable for residential uses in the Downtown Mixed-Use District; however, the project site is not within this District.

2. An exterior exposure of up to 65 dBA Ldn within outdoor activity areas may be allowed if a good-faith effort has been made to mitigate exterior noise exposure using a practical application of available noise reduction measures and interior noise exposure due to exterior sources will not exceed 45 dBA Ldn.

3. As determined within outdoor activity areas of existing or planned noise-sensitive uses. If outdoor activity area locations are unknown, the allowable noise exposure shall be determined at the property line of the noise-sensitive use.

Source: City of Gonzales 2010 General Plan Community Health and Safety Element.

In addition to these standards, the General Plan also includes Policy 8.3, which requires the City to maintain the noise standards discussed above through development review and post-development monitoring.

The City of Gonzales does not have specific standards for noise and vibration associated with temporary construction activities.

Project Site Setting

The City of Gonzales 2010 General Plan Community Health and Safety Element determined that there are three major sources of community noise within the City of Gonzales. Those sources include traffic on U.S. Highway 101 and major local roadways, commercial/industrial facilities (stationary noise sources), and rail operations on the Union Pacific Railroad (UPRR). Due to the distance of the site from commercial/industrial facilities and the UPRR, the primary source of noise at the project site is roadway noise.



Roadway Noise. The most common and primary sources of noise in the project vicinity are motor vehicles (e.g., automobiles, buses, trucks, and motorcycles) along 5th Street. Motor vehicle noise is of concern because it is characterized by a high number of individual events, which often create a sustained noise level, and because of its proximity to noise-sensitive uses. The City of Gonzales 2010 General Plan provides noise contours associated with Highway 101 and major local roadways, including 5th Street, using Average Daily Traffic (ADT) volumes provided by Hatch Mott McDonald. These contours were developed using the Federal Highway Administration (FHWA) Highway Traffic Noise Prediction Model, which is an analytical method favored by most state and local agencies, including Caltrans, for highway traffic noise prediction. The FHWA Model assumes a clear view of traffic with no shielding at the receiver location; therefore, the noise contour distances describe worst-case conditions because they do not account for any obstructions to the noise path, such as walls, berms, or buildings. Table 2 (based on Table V-I from the General Plan) summarizes calculated noise exposure at typical building setbacks and distances to Ldn noise contours for existing traffic conditions along Highway 101 and 5th Street in the vicinity of the project site.

Table 2
Generalized Traffic Noise Exposure

Roadway Segment	Ldn at Typical Setback ¹	Distance to 60 dBA Ldn contour (feet) ²	Distance to 65 dBA Ldn contour (feet) ²
101 between Gloria Road and 5th Street	77.5 dB	1,477	686
5th Street between Alta Street and Rincon Road	53.8 dB	29	13

1: Assumed to be 75 feet from the center of 5th Street and 100 feet from the center of Highway 101. Calculations are generalized and do not take into consideration sound walls or other site-specific conditions

2: From the center of the roadway

Existing On-Site Noise Levels. The project site is currently vacant. The site is located approximately 375 feet west from the centerline of Highway 101 southbound. As shown in Table 2, this falls within the 60 dB Ldn and 65 dB Ldn noise contours for Highway 101. However, as discussed above, these noise contours do not account for barriers (such as houses and other structures) that interrupt the noise transmission path from source to receiver. There are several single-family residences located between Highway 101 and the project site that attenuate noise from the highway. Based on the observed conditions on the project site, the primary existing sources of noise on the site include operational noise from the adjacent Fairview Middle School and Gonzales High School, and traffic along 5th Street.

Two weekday morning 20-minute noise measurements were taken at the project site using an ANSI Type II integrating sound level meter on June 15, 2012. These noise measurements provide existing on-site sound levels, which are primarily due to roadway noise from 5th Street. Table 3 identifies the noise measurement locations and measured noise levels. The locations of the noise measurements are shown in Figure 1.



Table 3
Noise Monitoring Results

Measurement Location	Primary Noise Source	Sample Time	Leq (dBA)
Northwest boundary of project site, approximately 50 feet from centerline of 5 th Street	5 th Street	10:23 AM, weekday	55.8
End of Gabilan Court, approximately 560 feet from centerline of 5 th Street	5 th Street	10:47 AM, weekday	49.7

*Source: Field visit using ANSI Type II Integrating sound level meter.
See Appendix for noise monitoring data sheets*

Sensitive Receptors

Noise exposure goals for various types of land uses reflect the varying noise sensitivities associated with each of these uses. According to the Gonzales General Plan Community Health and Safety Element, noise-sensitive land uses include residences, schools, hospitals, nursing homes, churches, and libraries.

Noise-sensitive receptors near the project site include single-family residences located immediately to the northeast and southeast of the project site; day care facilities located on the Fairview Middle School campus, approximately 70 feet southwest of the project site boundary; Fairview Middle School classrooms, located approximately 350 feet southwest of the project site boundary; and Gonzales High School classrooms, located approximately 160 feet west of the project site boundary across 5th Street. Because the topography of the area is generally flat, the ground level of all sensitive receptors are generally equal to the ground level of the proposed community center site, with the exception of residences along the northeast property boundary, which are approximately two feet higher. Sensitive receptors are shown on Figure 1.

IMPACT ANALYSIS

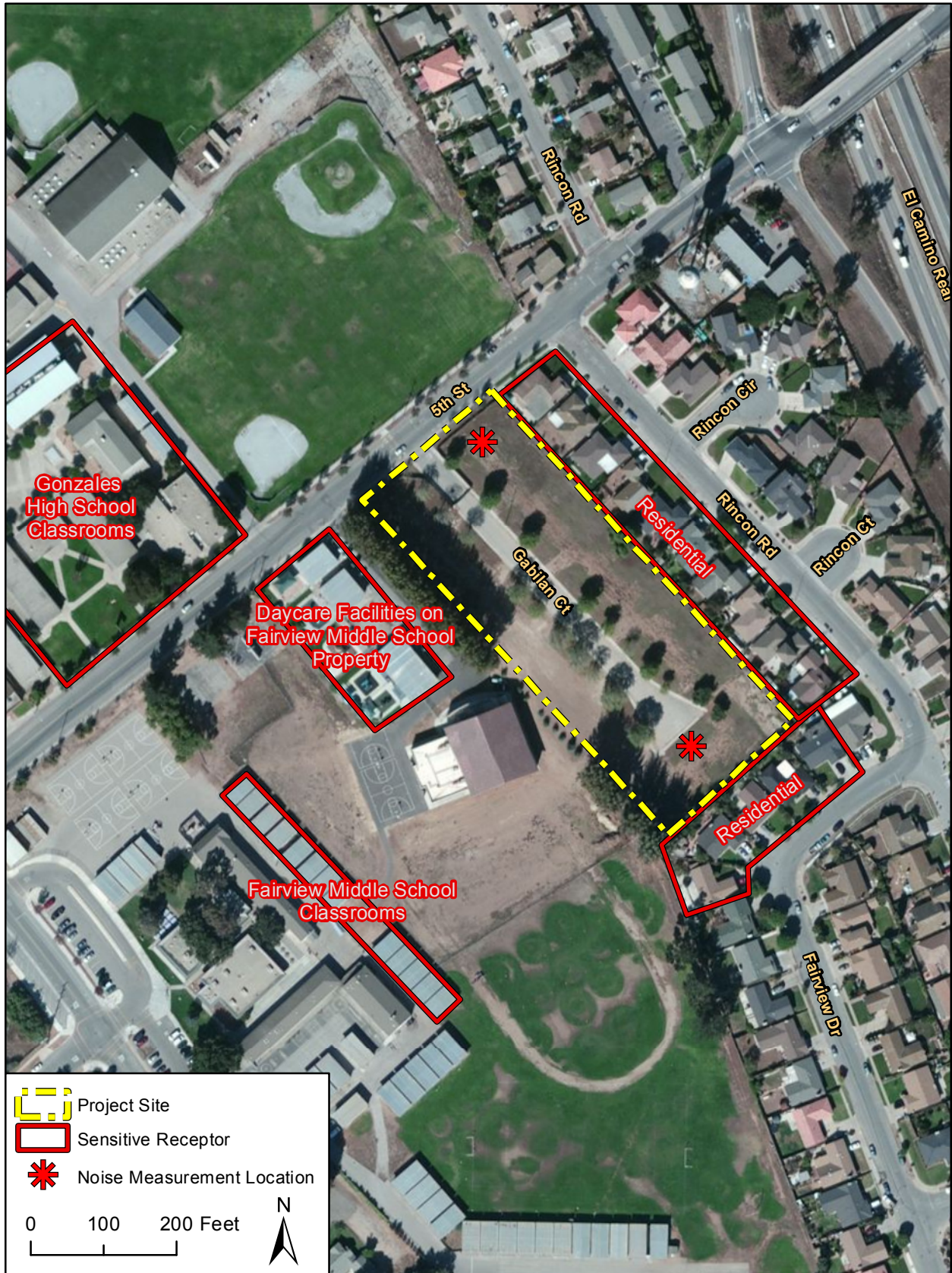
Methodology

Construction noise estimates are based upon typical noise levels reported for construction equipment (Hanson, Towers, and Meister, May 2006). Reference noise levels from that document were then used to estimate noise levels at nearby sensitive receptors based on a standard noise attenuation rate of 6 dB per doubling of distance (line-of-sight method of sound attenuation). Construction noise level estimates do not account for the presence of intervening structures or topography, which could reduce noise levels at receptor locations. Therefore, the noise levels presented herein represent a conservative estimate of actual construction noise.

Because noise levels from any source are reliant upon the distance of a noise receptor to the noise source, a reference distance of 50 feet (industry standard) is used in this study.

Noise levels associated with existing and future traffic along area roadways were calculated using the Traffic Noise Model Version 2.5 Look-Up Tables (U.S. Department of Transportation, Federal Highway Administration [FHWA], April 2004) (noise modeling data sheets can be viewed in the Appendix). The model calculations are based on traffic data from the Traffic and Parking Analysis Memorandum prepared by Wood Rogers (July 2012).





Bing Maps Aerial: (c) 2010 Microsoft Corporation and its data suppliers.

Noise Measurement Locations
and Sensitive Receptors

Figure 1
City of Gonzales

The City of Gonzales does not have specific standards for noise and vibration associated with temporary construction activities. Therefore, temporary construction noise levels were compared to the City's maximum allowable noise exposure levels shown in Table 1 ("maximum level").

Noise from long-term project operation, including amplified sound on the outdoor stage, would be considered significant if project activities would result in noise levels exceeding City's maximum noise exposure standards shown in Table 1. Ongoing sources of operational noise, such as HVAC equipment, were compared to the City's "hourly Leq" noise exposure standards, whereas periodic sources of noise, such as amplified sound associated with the outdoor stage, were compared to the City's "maximum level" noise exposure standards.

Due to the nature of roadway noise from vehicle traffic, new development will generally contribute incrementally to the existing regional noise environment, rather than resulting in a single, discreet increase in roadway noise. Therefore, for traffic-related noise, impacts are considered significant if project-generated traffic results in exposure of sensitive receptors to an unacceptable increase in noise levels. Recommendations contained in the May 2006 Transit Noise and Vibration Impact Assessment created by the Federal Transit Administration (FTA) were used to determine whether or not increases in roadway noise would be significant. The allowable noise exposure increase changes with increasing noise exposure, such that lower ambient noise levels have a higher allowable noise exposure increase. Table 4 shows the standards applied to determine whether increases in traffic-related noise levels caused by the project would be audible.

Table 4
Significance of Changes in Operational
Roadway Noise Exposure

Existing Noise Exposure (dBA Leq)	Allowable Noise Exposure Increase (dBA Leq)
45-50	7
50-55	5
55-60	3
60-65	2
65-74	1
75+	0

Temporary Construction Noise

Project construction could intermittently generate high noise levels on and adjacent to the project site. Temporary noise impacts associated with construction may adversely affect nearby residential and school uses. The main sources of noise during construction activities would be the heavy machinery used in grading and clearing the site. Table 5 demonstrates the typical noise levels associated with heavy construction equipment. As shown therein, average noise levels associated with the use of heavy equipment at construction sites can range from about 76 to 95 dBA at 25 feet from the source, depending upon the types of equipment in operation at any given time and phase of construction (Hanson, Towers, and Meister, May 2006).



**Table 5
 Typical Noise Levels at Construction Sites**

Equipment	Typical Level (dBA) 25 Feet from the Source
Air Compressor	87
Backhoe	86
Concrete Mixer	91
Paver	95
Saw	76
Scraper	95
Truck	94

Source: Hanson, Towers, and Meister, May 2006.

Noise-sensitive receptors near the project site include single-family residences located immediately to the northeast and southeast of the project site boundary; day care facilities located on the Fairview Middle School campus, approximately 70 feet southwest of the project site boundary; Fairview Middle School classrooms, located approximately 350 feet southwest of the project site boundary; and Gonzales High School classrooms, located approximately 160 feet west of the project site boundary across 5th Street (refer to Figure 1). Based on the current site plans for the project, the loudest construction activities (site preparation and paving) may occur within approximately 50 feet of the single-family residences adjacent to the northeast boundary of the project site, within approximately 50 feet of the single-family residences adjacent to the southeast boundary of the project site, within approximately 90 feet of the day care facilities on the Fairview Middle School campus, and within approximately 160 feet of the Gonzales High School classrooms located across 5th Street. Table 6 shows noise levels at various distances from construction activity, based on a standard noise attenuation rate of 6 dB per doubling of distance.

**Table 6
 Construction Noise Levels at Various
 Distances from Project Construction**

Distance from Construction	Maximum Noise Level at Receptor (dBA)
50 feet	89
75 feet	86
100 feet	83
250 feet	75
500 feet	69
1,000 feet	63
2,500 feet	55



As shown in Table 6, construction noise levels could reach up to 89 dBA at 50 feet from the source. This noise level exceeds the City's allowable noise exposure levels shown in Table 1 ("maximum level"). As discussed above, Gonzales does not have specific standards for noise and vibration associated with temporary construction activities. However, because temporary construction noise would be expected to exceed the City's allowable noise exposure levels, project construction activities could result in nuisance noise levels at adjacent receptors. To mitigate this potential impact, noise reduction measures N-1(a) through N-1(c) are recommended.

Recommended Noise Reduction Measures

The following noise reduction measures are recommended to minimize potential nuisance effects at nearby sensitive receptors:

- N-1(a) Construction Timing.** Construction activities should be limited to the hours between 7:00 a.m. and 7:00 p.m., Monday through Saturday.

- N-1(b) Construction Equipment.** Air compressors and generators used for construction should be surrounded by temporary acoustical shelters or noise blankets. Internal combustion engines should be equipped with a muffler of a type recommended by the manufacturer. No internal combustion engine should be operated on the project site without the manufacturer-recommended muffler. All diesel equipment should be operated with closed engine doors and should be equipped with factory-recommended mufflers. Stationary construction equipment that continues to generate noise that exceeds 70 dBA at the project boundaries should be shielded with a barrier that meets a sound transmission class (STC) rating of 25.

- N-1(c) Neighbor Notification.** Provide notification to residential occupants adjacent to the project site at least 24 hours prior to initiation of construction activities that could significantly affect outdoor or indoor living areas. This notification should include the anticipated hours and duration of construction and a description of noise reduction measures. The notification should include a telephone number for local residents to call to submit complaints associated with construction noise. The notification should be posted on 5th Street adjacent to the project site, and should be easily viewed from adjacent public areas.

With implementation of the recommended noise reduction measures, construction noise would not be expected to exceed the City's allowable noise exposure levels.

Long-Term Operational Noise Exposure

The Gonzales Community Center project would result in the development of a new community center facility on the project site, featuring a library suite, classrooms, kitchen, multi-purpose gymnasium/auditorium, storage, and an outdoor stage and seating, as well as parking and outdoor areas. Existing sensitive uses near the project site and proposed new uses on-site may



periodically be subject to noise associated with operation of the community center facility, including stationary equipment, such as heating, ventilation, and air conditioning (HVAC) systems; parking lot noise; amplified noise associated with the outdoor stage; and roadway noise from increased traffic noise along area roads.

HVAC Equipment. Noise levels from commercial-scale ventilation and air conditioning equipment can reach 100 dBA at a distance of three feet (USEPA, 1971). These units usually have noise shielding cabinets, placed on the roof or mechanical equipment rooms and are not usually significant sources of noise impacts. Typically, the shielding and location of these units reduces noise levels to no greater than 55 dBA at 50 feet from the source. Based on the current site plans, the community center facility would be located a minimum of 50 feet from the nearest single-family residences adjacent to the northeast boundary of the project site, resulting in a noise exposure at these uses of approximately 55 dBA. This is within the City's allowable daytime noise exposure level ("hourly Leq") shown in Table 1; however, this noise exposure would exceed the City's allowable nighttime noise exposure level of 50 dBA. Noise reduction measure N-2(a) is recommended in order to reduce operational noise impacts from HVAC equipment below City standards.

Parking Lots. Proposed parking areas would be located along the northwest and southeast boundaries of the project site, and would be adjacent to sensitive residential receptors to the northeast of the project site and within approximately 65 feet of daycare facilities on the Fairview Middle School campus to the southeast of the project site. Typical noise sources associated with parking areas include doors slamming, car alarms and horns, and engine start-ups. Noise from typical parking lot activities such as car alarms can reach up to 66 dBA at 50 feet; door slams up to 72 dBA at 50 feet; and vehicle start-ups up to 73 dBA at 50 feet. The nearest sensitive receptor (daycare facilities approximately 65 feet away) could therefore be exposed to temporary noise that exceeds the City's maximum allowable daytime noise exposure level of 70 dBA ("maximum level"). However, such exceedances would be temporary (i.e., the length of a vehicle start-up) and would fluctuate with the amount of automobile and human activity. Therefore, noise levels from parking lot activities would not be expected to exceed the City's hourly Leq standard of 55 dBA, and noise reduction measures are not recommended.

Due to the nature of the project, parking at the site is anticipated to occur primarily during daytime hours; therefore, nighttime noise levels from parking activity would be expected to average less than 50 dBA Leq.

Although sound walls are not required to reduce parking lot noise to below City standards, the potential noise reduction that would result from a sound wall was analyzed for informational purposes. Sound walls were assumed to intervene the line of transmission between the parking areas and nearby sensitive receptors, along the site boundary. A 6-foot sound wall would be expected to attenuate parking noise by 4.8 dBA at the day care facilities located on the Fairview Middle School campus (approximately 65 feet from the proposed parking), and by 5.4 dBA at adjacent residences (adjacent to the proposed parking) (refer to Appendix for calculations).

Outdoor Stage. The community center facility would include an outdoor stage and seating. During events and performances, the outdoor stage may involve the use of amplified sound (music, speaking, and announcements broadcast through a loudspeaker system). Based



on the intended use of the community center, it is not anticipated that the outdoor stage would operate during the nighttime hours shown in Table 1 (10:00 p.m. to 7:00 a.m.). Based on the current site plans, the outdoor stage would be located 90 feet northwest of the single-family residences adjacent to the southeast boundary of the project site, 130 feet west of the single-family residences adjacent to the northeast boundary of the project site, and 190 feet southeast of the day care facilities on the Fairview Middle School campus.

The anticipated noise level from amplified sound at the proposed outdoor stage is not known at this time. Activities at the stage may include quiet noises with little or no amplification, or they may include loud noises with amplified music or dialogue. If amplified sound from the outdoor stage exceeds 75 dBA (measured at a reference distance of 50 feet from the sound system), it would exceed the City’s maximum allowable daytime noise exposure levels at the nearest sensitive receptors (residences 90 feet southeast of the outdoor stage). In other words, in the absence of any noise attenuating features (such as a sound wall), amplified sound from the outdoor stage could not exceed 75 dBA without impacting nearby receptors. 75 dBA is approximately the volume of loud singing, or normal traffic on a busy street. Therefore, if outdoor stage activities are limited to quiet noises with little or no amplification, they would not be expected to exceed City noise standards.

Although not required if outdoor stage activities are limited to below 75 dBA, the potential noise reduction that would result from a sound wall was analyzed for informational purposes. Both 6-foot and 8-foot sound wall options were analyzed. A 6-foot sound wall is assumed to be the minimum height necessary to intervene the line of transmission between the outdoor stage and nearby exterior sensitive receptors.

Table 7 depicts the estimated noise reduction that would occur at nearby sensitive receptors as a result of both a 6-foot and 8-foot tall sound wall (refer to Appendix for calculations). As shown therein, a 6-foot sound wall would reduce noise levels from the outdoor stage at nearby sensitive receptors by 4.8 to 6.3 dBA, while an 8-foot sound wall would reduce noise levels by 6.2 to 10.9 dBA.

**Table 7
 Noise Reduction from Sound Walls**

Receptor and Distance from Outdoor Stage	Noise Reduction (dBA)	
	6 Foot Sound Wall	8 Foot Sound Wall
Residences 90 feet southeast	4.8	8.6
Residences 130 feet east	6.3	10.9
Day care facilities 190 feet northwest	4.8	6.2

*Refer to Appendix for sound wall noise reduction calculations.
 Notes: Sound walls are assumed to be at the approximate boundary of the subject property.*

Table 8 translates the noise reductions shown in Table 7 to actual noise levels that would be allowable at the outdoor stage (measured at a reference distance of 50 feet from the sound system) in order to avoid exceeding City noise standards at nearby receptors.



Table 8
Allowable Noise Levels With and Without a Sound Wall

Receptor	Distance from Stage	Allowable Volume at Outdoor Stage (dBA)		
		Without Noise Attenuation	With 6 Foot Sound Wall	With 8 Foot Sound Wall
Residences to the southeast	90 feet	75.0	79.8	83.6
Residences to the east	130 feet	78.0	84.3	88.9
Day care facilities to the northwest	190 feet	81.0	85.8	87.2

"Allowable volumes" are based on a reference distance of 50 feet from the source (speakers used for amplified sound at the proposed outdoor stage), and are assumed to occur between 7:00 a.m. and 10:00 p.m..

Refer to Appendix for sound wall noise reduction calculations.

Notes: Sound walls are assumed to be at the approximate boundary of the subject property.

As shown in Table 8, with a 6-foot sound wall, an amplified sound system could operate at up to approximately 80 dBA (measured at a 50 feet from the sound system) during the day without exceeding the City's noise standards for this receptor. With an 8-foot sound wall, an amplified sound system could operate at up to approximately 84 dBA (measured at a 50 feet from the sound system). If outdoor stage activities are expected to include loud amplified music or dialogue, a sound wall may therefore reduce noise from such activities to below City standards.

It should also be noted that the above analysis conservatively assumes that no existing barriers are located between the outdoor stage and sensitive receptors. However, adjacent residences are currently shielded from the Community Center site by wood fences and some vegetation. These materials may provide some level of noise reduction. However, given the relatively low density of wood (compared to typical sound wall materials like masonry) and gaps in the fencing, such noise reduction is not expected to be perceptible.

Roadway Noise. The community center facility would generate increased noise on area roadways due to increased traffic to and from the project site as a result of project operation. The traffic noise analysis is based on the traffic estimates provided in the project traffic and parking analysis. The primary roadway affected by added vehicle traffic resulting from the project would be 5th Street between Alta Street and Rincon Road. The traffic noise level along this roadway segment was estimated using the Traffic Noise Model Version 2.5 Look-Up Tables (U.S. Department of Transportation, Federal Highway Administration [FHWA], April 2004).

Table 9 shows the existing and anticipated future (cumulative) noise levels at 50 feet from the centerline of 5th Street between Alta Street and Rincon Road. The roadway segments shown in Table 9 represent the locations where the most substantial increase in traffic due to the project and cumulative development would occur. Traffic levels during the weekday a.m. peak hour were used, as these traffic levels represent the time during which the project would add the largest volume of new vehicles to area roadways. A noise model summary and results are included in the Appendix.



Table 9
Calculated Noise Levels Associated with Traffic on 5th Street

Roadway	Projected Noise Level (dBA Leq)				Change In Noise Level (dBA Leq)		
	Existing (1)	Existing + Project (2)	Future (3)	Future + Project (4)	Due to Project Traffic (2-1)	Due to Project Traffic, Future Conditions (4-3)	Due to Project and Future Traffic (4-1)
5 th Street between Alta Street and Rincon Road 50 feet from centerline	65.8	66.1	68.1	68.2	0.3	0.1	2.4
5 th Street between Alta Street and Rincon Road 250 feet from centerline	58.5	58.8	60.8	61.0	0.3	0.2	2.5

Estimates of noise generated by traffic from roadway centerline at 50 feet. Refer to Appendix for full noise model output. Noise levels presented do not account for attenuation provided by existing barriers or future barriers; therefore, actual noise levels at sensitive receptor locations influenced by study area roadways may in many cases be lower than presented herein. Source: Federal Highway Administration Traffic Noise Model Version 2.5 Look-Up Tables.

Based on the guidelines in Table 4, because existing roadway noise levels along 5th Street are between 65 and 74 dBA at 50 feet from the roadway centerline, a 1 dBA noise increase attributable to the project would be considered significant. As shown in Table 9, the noise level increases associated with project traffic would be approximately 0.3 dBA along 5th Street under existing plus project conditions. The increase in roadway noise levels under existing plus project conditions would not result in a noise increase greater than 1 dBA at any of the study area roadway segments. Therefore, the project’s impact with respect to traffic noise would not exceed City noise standards.

The project would contribute to a cumulative traffic noise increase, as shown in the final column of Table 9. The cumulative noise level increase would be approximately 2.4 dBA along 5th Street. However, the project’s contribution to this cumulative increase would only be 0.1 dBA, which would not exceed the standards shown in Table 5. Therefore, the project’s cumulative impact would not exceed City noise standards.

Recommended Noise Reduction Measures

The following measures are recommended to minimize operational noise related to HVAC equipment and sound at the outdoor stage:

- N-2(a) HVAC Shielding and Operating Hours.** Barriers that reduce noise from rooftop HVAC systems should be installed on all project structures. The future site developer should provide post-construction noise monitoring results to Community Development Department staff that verify that HVAC shielding is adequate to achieve a noise exposure level of 50 dBA or lower at the nearest sensitive receptors. If this noise exposure level cannot be achieved through additional



shielding, the operating hours of all project HVAC systems should be restricted to daytime hours (7:00 a.m. through 10:00 p.m.).

- N-2(b) Outdoor Amplified Sound Systems.** The sound output of the amplified sound systems for the outdoor stage should be limited to a maximum sound level of 75 dBA (measured at 50 feet from the sound system) and should not be used between the hours of 10:00 p.m. and 7:00 a.m.

With implementation of the recommended noise reduction measures, typical operational noise would not be expected to exceed the City's allowable noise exposure levels. If greater amplification at the outdoor stage is desired (for example, to facilitate outdoor music concerts), a sound wall could help maintain City noise standards. The following measure is therefore suggested for consideration in future design and construction of the proposed Community Center:

- N-2(c) Sound Walls.** A minimum 6-foot masonry (or other appropriate sound-attenuating material, as measured from the highest adjacent ground elevation) sound wall should be considered for installation along the project boundary with adjacent sensitive noise receptors (residential units to the northeast and southeast, and day care facilities on the Fairview Middle School campus to the southwest). A 6-foot sound wall is assumed to be the minimum height necessary to intervene the line of transmission between an amplifier at the outdoor stage and the exterior of nearby sensitive receptors. If additional reduction is desired (for example, to allow more flexibility for outdoor amplified sound system), an 8-foot sound wall may be considered.

If sound walls are constructed, amplified sound systems for the outdoor stage should be limited to the following maximum sound levels (measured at 50 feet from the sound system), depending on the height of the wall:

- 74 dBA for a 6-foot sound wall;
- 76 dBA for an 8-foot sound wall.

To ensure that the final design of the outdoor amplified sound systems meets these criteria, it is recommended that the final sound wall design be reviewed by a qualified acoustical consultant.



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Appendix

Noise Measurement Data and Roadway Noise Modeling



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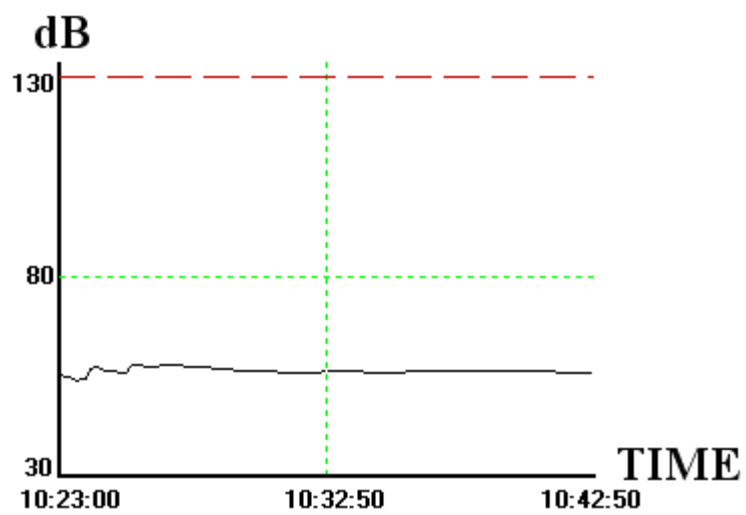
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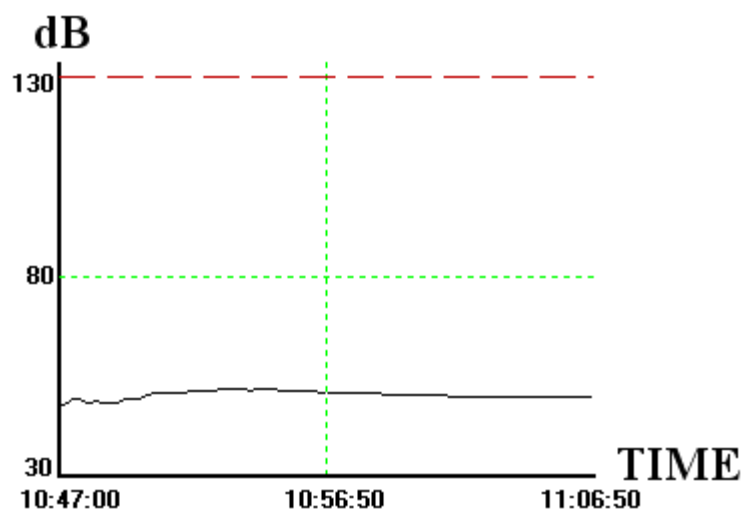
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50.0,11:01:30,
50.0,11:01:40,
50.0,11:01:50,
49.9,11:02:00,
49.9,11:02:10,
49.9,11:02:20,
49.8,11:02:30,
49.9,11:02:40,
49.9,11:02:50,
49.9,11:03:00,
50.0,11:03:10,
50.0,11:03:20,
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50.0,11:03:50,
50.0,11:04:00,
50.0,11:04:10,
50.0,11:04:20,
49.9,11:04:30,
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49.9,11:05:00,
49.9,11:05:10,
49.8,11:05:20,
49.8,11:05:30,
49.8,11:05:40,
49.8,11:05:50,
49.7,11:06:00,
49.7,11:06:10,
49.7,11:06:20,
49.7,11:06:30,
49.7,11:06:40,
49.7,11:06:50,



SOUND BARRIER LOSS ESTIMATION*

Scenario: 6-foot barrier between Gonzales Community Center parking and Fairview Middle School

DATA	INPUT		
Barrier Top Elevation, feet	152	0.02	5.00
Source Ground Elevation, feet	146	24.97	60.03
Height of Source above Ground, feet:	6		
Observer Elevation at ground or floor	145	3603.30	0.00
Distance from source to barrier, feet:	5		4.81
Distance from barrier to observer, feet:	60		

BARRIER EFFECT RESULT

		RESULT	
Infinite Barrier Attenuation:	-4.8 dBA	Barrier Height =	0.2
Is Observer at Ground Level (yes or no):	no	Distance R =	5
Adjustment for Loss of Ground Attenuation:	0.0 dBA	Distance D =	60
Infinite Barrier Insertion Loss:	-4.8 dBA	Smaller of D/R or R/D =	0.08
Finite Barrier Adjustment			
Enter angle subtended by barrier :	180 degrees		
Enter Noise Level Without Barrier:	70 dBA		
Enter Reference Distance for Noise Level:	50 feet		
Noise level including insertion loss of Barrier:	64.1 dBA	0	0
Noise Level of barrier gaps:	0.0 dBA		

SUMMED AVERAGE LEVEL: 64.1 dBA

*Assumes a sound wavelength of 2 feet (about 550 Hz).

Methodology Source: Harris, C.M. (1979), Handbook of Noise Control, 2nd. Ed.

SOUND BARRIER LOSS ESTIMATION*

Scenario: 6-foot barrier between Gonzales Community Center parking and Residences to the northeast

DATA	INPUT		
Barrier Top Elevation, feet	155	0.25	5.09
Source Ground Elevation, feet	148	25.71	4.99
Height of Source above Ground, feet:	6		
Observer Elevation at ground or floor	150	24.70	0.05
Distance from source to barrier, feet:	5		5.43
Distance from barrier to observer, feet:	5		

BARRIER EFFECT RESULT		RESULT	
Infinite Barrier Attenuation:	-5.4 dBA	Barrier Height =	0.5
Is Observer at Ground Level (yes or no):	no	Distance R =	5
Adjustment for Loss of Ground Attenuation:	0.0 dBA	Distance D =	5
Infinite Barrier Insertion Loss:	-5.4 dBA	Smaller of D/R or R/D =	0.98
Finite Barrier Adjustment			
Enter angle subtended by barrier :	180 degrees		
Enter Noise Level Without Barrier:	70 dBA		
Enter Reference Distance for Noise Level:	50 feet		
Noise level including insertion loss of Barrier:	71.6 dBA	0	0
Noise Level of barrier gaps:	0.0 dBA		

SUMMED AVERAGE LEVEL: 71.6 dBA

*Assumes a sound wavelength of 2 feet (about 550 Hz).

Methodology Source: Harris, C.M. (1979), Handbook of Noise Control, 2nd. Ed.

SOUND BARRIER LOSS ESTIMATION*

Scenario: 6-foot barrier between Gonzales Community Center parking and Fairview Middle School

DATA	INPUT		
Barrier Top Elevation, feet	154	4.64	5.38
Source Ground Elevation, feet	146	24.36	60.13
Height of Source above Ground, feet:	6		
Observer Elevation at ground or floor	145	3610.69	0.49
Distance from source to barrier, feet:	5		8.96
Distance from barrier to observer, feet:	60		

BARRIER EFFECT RESULT

		RESULT	
Infinite Barrier Attenuation:	-9.0 dBA	Barrier Height =	2.2
Is Observer at Ground Level (yes or no):	no	Distance R =	5
Adjustment for Loss of Ground Attenuation:	0.0 dBA	Distance D =	60
Infinite Barrier Insertion Loss:	-9.0 dBA	Smaller of D/R or R/D =	0.08
Finite Barrier Adjustment			
Enter angle subtended by barrier :	180 degrees		
Enter Noise Level Without Barrier:	70 dBA		
Enter Reference Distance for Noise Level:	50 feet		
Noise level including insertion loss of Barrier:	59.9 dBA	0	0
Noise Level of barrier gaps:	0.0 dBA		

SUMMED AVERAGE LEVEL: 59.9 dBA

*Assumes a sound wavelength of 2 feet (about 550 Hz).

Methodology Source: Harris, C.M. (1979), Handbook of Noise Control, 2nd. Ed.

SOUND BARRIER LOSS ESTIMATION*

Scenario: 6-foot barrier between Gonzales Community Center parking and Residences to the northeast

DATA	INPUT		
Barrier Top Elevation, feet	157	6.20	5.83
Source Ground Elevation, feet	148	27.77	5.38
Height of Source above Ground, feet:	6		
Observer Elevation at ground or floor	150	22.75	1.17
Distance from source to barrier, feet:	5		11.67
Distance from barrier to observer, feet:	5		
 BARRIER EFFECT RESULT		RESULT	
Infinite Barrier Attenuation:	-11.7 dBA	Barrier Height =	2.5
Is Observer at Ground Level (yes or no):	no	Distance R =	5
Adjustment for Loss of Ground Attenuation:	0.0 dBA	Distance D =	5
Infinite Barrier Insertion Loss:	-11.7 dBA	Smaller of D/R or R/D =	0.91
Finite Barrier Adjustment			
Enter angle subtended by barrier :	180 degrees		
Enter Noise Level Without Barrier:	70 dBA		
Enter Reference Distance for Noise Level:	50 feet		
Noise level including insertion loss of Barrier:	65.3 dBA	0	0
Noise Level of barrier gaps:	0.0 dBA		
SUMMED AVERAGE LEVEL:		65.3 dBA	

*Assumes a sound wavelength of 2 feet (about 550 Hz).

Methodology Source: Harris, C.M. (1979), Handbook of Noise Control, 2nd. Ed.

SOUND BARRIER LOSS ESTIMATION*

Scenario: 6-foot barrier between Gonzales Community Center outdoor stage and Residences to the southeast

DATA	INPUT		
Barrier Top Elevation, feet	156	0.00	85.00
Source Ground Elevation, feet	149	7225.82	5.00
Height of Source above Ground, feet:	6		
Observer Elevation at ground or floor	151	25.00	0.00
Distance from source to barrier, feet:	85		4.78
Distance from barrier to observer, feet:	5		

BARRIER EFFECT RESULT

		RESULT	
Infinite Barrier Attenuation:	-4.8 dBA	Barrier Height =	0.1
Is Observer at Ground Level (yes or no):	no	Distance R =	85
Adjustment for Loss of Ground Attenuation:	0.0 dBA	Distance D =	5
Infinite Barrier Insertion Loss:	-4.8 dBA	Smaller of D/R or R/D =	0.06
Finite Barrier Adjustment			
Enter angle subtended by barrier :	180 degrees		
Enter Noise Level Without Barrier:	72 dBA		
Enter Reference Distance for Noise Level:	50 feet		
Noise level including insertion loss of Barrier:	64.7 dBA	0	0
Noise Level of barrier gaps:	0.0 dBA		

SUMMED AVERAGE LEVEL: 64.7 dBA

*Assumes a sound wavelength of 2 feet (about 550 Hz).

Methodology Source: Harris, C.M. (1979), Handbook of Noise Control, 2nd. Ed.

SOUND BARRIER LOSS ESTIMATION*

Scenario: 6-foot barrier between Gonzales Community Center outdoor stage and Residences to the northeast

DATA	INPUT		
Barrier Top Elevation, feet	159	1.23	135.05
Source Ground Elevation, feet	149	18238.10	5.10
Height of Source above Ground, feet:	6		
Observer Elevation at ground or floor	153	24.77	0.13
Distance from source to barrier, feet:	135		6.30
Distance from barrier to observer, feet:	5		

BARRIER EFFECT RESULT

		RESULT	
Infinite Barrier Attenuation:	-6.3 dBA	Barrier Height =	1.1
Is Observer at Ground Level (yes or no):	no	Distance R =	135
Adjustment for Loss of Ground Attenuation:	0.0 dBA	Distance D =	5
Infinite Barrier Insertion Loss:	-6.3 dBA	Smaller of D/R or R/D =	0.04
Finite Barrier Adjustment			
Enter angle subtended by barrier :	180 degrees		
Enter Noise Level Without Barrier:	72 dBA		
Enter Reference Distance for Noise Level:	50 feet		
Noise level including insertion loss of Barrier:	61.2 dBA	0	0
Noise Level of barrier gaps:	0.0 dBA		

SUMMED AVERAGE LEVEL: 61.2 dBA

*Assumes a sound wavelength of 2 feet (about 550 Hz).

Methodology Source: Harris, C.M. (1979), Handbook of Noise Control, 2nd. Ed.

SOUND BARRIER LOSS ESTIMATION*

Scenario: 6-foot barrier between Gonzales Community Center outdoor stage and Fairview Middle School

DATA	INPUT		
Barrier Top Elevation, feet	154	0.22	30.00
Source Ground Elevation, feet	148	899.73	160.02
Height of Source above Ground, feet:	6		
Observer Elevation at ground or floor	146	25607.50	0.00
Distance from source to barrier, feet:	30		4.84
Distance from barrier to observer, feet:	160		

BARRIER EFFECT RESULT

		RESULT	
Infinite Barrier Attenuation:	-4.8 dBA	Barrier Height =	0.5
Is Observer at Ground Level (yes or no):	no	Distance R =	30
Adjustment for Loss of Ground Attenuation:	0.0 dBA	Distance D =	160
Infinite Barrier Insertion Loss:	-4.8 dBA	Smaller of D/R or R/D =	0.19
Finite Barrier Adjustment			
Enter angle subtended by barrier :	180 degrees		
Enter Noise Level Without Barrier:	72 dBA		
Enter Reference Distance for Noise Level:	50 feet		
Noise level including insertion loss of Barrier:	61.4 dBA	0	0
Noise Level of barrier gaps:	0.0 dBA		

SUMMED AVERAGE LEVEL: 61.4 dBA

*Assumes a sound wavelength of 2 feet (about 550 Hz).

Methodology Source: Harris, C.M. (1979), Handbook of Noise Control, 2nd. Ed.

SOUND BARRIER LOSS ESTIMATION*

Scenario: 8-foot barrier between Gonzales Community Center outdoor stage and Residences to the southeast

DATA	INPUT		
Barrier Top Elevation, feet	158	4.22	85.05
Source Ground Elevation, feet	149	7229.60	5.39
Height of Source above Ground, feet:	6		
Observer Elevation at ground or floor	151	24.77	0.43
Distance from source to barrier, feet:	85		8.65
Distance from barrier to observer, feet:	5		

BARRIER EFFECT RESULT

		RESULT	
Infinite Barrier Attenuation:	-8.6 dBA	Barrier Height =	2.1
Is Observer at Ground Level (yes or no):	no	Distance R =	85
Adjustment for Loss of Ground Attenuation:	0.0 dBA	Distance D =	5
Infinite Barrier Insertion Loss:	-8.6 dBA	Smaller of D/R or R/D =	0.06
Finite Barrier Adjustment			
Enter angle subtended by barrier :	180 degrees		
Enter Noise Level Without Barrier:	72 dBA		
Enter Reference Distance for Noise Level:	50 feet		
Noise level including insertion loss of Barrier:	60.8 dBA	0	0
Noise Level of barrier gaps:	0.0 dBA		

SUMMED AVERAGE LEVEL: 60.8 dBA

*Assumes a sound wavelength of 2 feet (about 550 Hz).

Methodology Source: Harris, C.M. (1979), Handbook of Noise Control, 2nd. Ed.

SOUND BARRIER LOSS ESTIMATION*

Scenario: 8-foot barrier between Gonzales Community Center outdoor stage and Residences to the northeast

DATA	INPUT		
Barrier Top Elevation, feet	161	9.65	135.13
Source Ground Elevation, feet	149	18249.68	5.83
Height of Source above Ground, feet:	6		
Observer Elevation at ground or floor	153	24.35	0.93
Distance from source to barrier, feet:	135		10.91
Distance from barrier to observer, feet:	5		

BARRIER EFFECT RESULT

		RESULT	
Infinite Barrier Attenuation:	-10.9 dBA	Barrier Height =	3.1
Is Observer at Ground Level (yes or no):	no	Distance R =	135
Adjustment for Loss of Ground Attenuation:	0.0 dBA	Distance D =	5
Infinite Barrier Insertion Loss:	-10.9 dBA	Smaller of D/R or R/D =	0.04
Finite Barrier Adjustment			
Enter angle subtended by barrier :	180 degrees		
Enter Noise Level Without Barrier:	72 dBA		
Enter Reference Distance for Noise Level:	50 feet		
Noise level including insertion loss of Barrier:	56.6 dBA	0	0
Noise Level of barrier gaps:	0.0 dBA		

SUMMED AVERAGE LEVEL: 56.6 dBA

*Assumes a sound wavelength of 2 feet (about 550 Hz).

Methodology Source: Harris, C.M. (1979), Handbook of Noise Control, 2nd. Ed.

SOUND BARRIER LOSS ESTIMATION*

Scenario: 8-foot barrier between Gonzales Community Center outdoor stage and Fairview Middle School

DATA	INPUT		
Barrier Top Elevation, feet	156	6.12	30.07
Source Ground Elevation, feet	148	897.84	160.07
Height of Source above Ground, feet:	6		
Observer Elevation at ground or floor	146	25617.61	0.12
Distance from source to barrier, feet:	30		6.24
Distance from barrier to observer, feet:	160		

BARRIER EFFECT RESULT

		RESULT	
Infinite Barrier Attenuation:	-6.2 dBA	Barrier Height =	2.5
Is Observer at Ground Level (yes or no):	no	Distance R =	30
Adjustment for Loss of Ground Attenuation:	0.0 dBA	Distance D =	160
Infinite Barrier Insertion Loss:	-6.2 dBA	Smaller of D/R or R/D =	0.19
Finite Barrier Adjustment			
Enter angle subtended by barrier :	180 degrees		
Enter Noise Level Without Barrier:	72 dBA		
Enter Reference Distance for Noise Level:	50 feet		
Noise level including insertion loss of Barrier:	60.0 dBA	0	0
Noise Level of barrier gaps:	0.0 dBA		

SUMMED AVERAGE LEVEL: 60.0 dBA

*Assumes a sound wavelength of 2 feet (about 550 Hz).

Methodology Source: Harris, C.M. (1979), Handbook of Noise Control, 2nd. Ed.

***** CASE INFORMATION *****

***** Results calculated with TNM Version 2.5 *****

Existing - 5th Street

***** TRAFFIC VOLUME/SPEED INFORMATION *****

Automobile volume (v/h):	632.0
Average automobile speed (mph):	35.0
Medium truck volume (v/h):	35.0
Average medium truck speed (mph):	35.0
Heavy truck volume (v/h):	35.0
Average heavy truck speed (mph):	35.0
Bus volume (v/h):	0.0
Average bus speed (mph):	0.0
Motorcycle volume (v/h):	0.0
Average Motorcycle speed (mph):	0.0

***** TERRAIN SURFACE INFORMATION *****

Terrain surface: hard

***** RECEIVER INFORMATION *****

DESCRIPTION OF RECEIVER # 1

Standard Distance

Distance from center of 12-ft wide, single lane roadway (ft):	50.0
A-weighted Hourly Equivalent Sound Level without Barrier (dBA):	65.8

DESCRIPTION OF RECEIVER # 2

Community Center

Distance from center of 12-ft wide, single lane roadway (ft):	250.0
A-weighted Hourly Equivalent Sound Level without Barrier (dBA):	58.5

***** CASE INFORMATION *****

***** Results calculated with TNM Version 2.5 *****

Existing plus Project - 5th Street

***** TRAFFIC VOLUME/SPEED INFORMATION *****

Automobile volume (v/h):	674.0
Average automobile speed (mph):	35.0
Medium truck volume (v/h):	38.0
Average medium truck speed (mph):	35.0
Heavy truck volume (v/h):	38.0
Average heavy truck speed (mph):	35.0
Bus volume (v/h):	0.0
Average bus speed (mph):	0.0
Motorcycle volume (v/h):	0.0
Average Motorcycle speed (mph):	0.0

***** TERRAIN SURFACE INFORMATION *****

Terrain surface: hard

***** RECEIVER INFORMATION *****

DESCRIPTION OF RECEIVER # 1

Standard Distance

Distance from center of 12-ft wide, single lane roadway (ft):	50.0
A-weighted Hourly Equivalent Sound Level without Barrier (dBA):	66.1

DESCRIPTION OF RECEIVER # 2

Community Center

Distance from center of 12-ft wide, single lane roadway (ft):	250.0
A-weighted Hourly Equivalent Sound Level without Barrier (dBA):	58.8

***** CASE INFORMATION *****

***** Results calculated with TNM Version 2.5 *****

Future - 5th Street

***** TRAFFIC VOLUME/SPEED INFORMATION *****

Automobile volume (v/h):	1078.0
Average automobile speed (mph):	35.0
Medium truck volume (v/h):	60.0
Average medium truck speed (mph):	35.0
Heavy truck volume (v/h):	60.0
Average heavy truck speed (mph):	35.0
Bus volume (v/h):	0.0
Average bus speed (mph):	0.0
Motorcycle volume (v/h):	0.0
Average Motorcycle speed (mph):	0.0

***** TERRAIN SURFACE INFORMATION *****

Terrain surface: hard

***** RECEIVER INFORMATION *****

DESCRIPTION OF RECEIVER # 1

Standard Distance

Distance from center of 12-ft wide, single lane roadway (ft):	50.0
A-weighted Hourly Equivalent Sound Level without Barrier (dBA):	68.1

DESCRIPTION OF RECEIVER # 2

Community Center

Distance from center of 12-ft wide, single lane roadway (ft):	250.0
A-weighted Hourly Equivalent Sound Level without Barrier (dBA):	60.8

**** CASE INFORMATION ****

**** Results calculated with TNM Version 2.5 ****

Future plus Project - 5th Street

**** TRAFFIC VOLUME/SPEED INFORMATION ****

Automobile volume (v/h):	1122.0
Average automobile speed (mph):	35.0
Medium truck volume (v/h):	62.0
Average medium truck speed (mph):	35.0
Heavy truck volume (v/h):	62.0
Average heavy truck speed (mph):	35.0
Bus volume (v/h):	0.0
Average bus speed (mph):	0.0
Motorcycle volume (v/h):	0.0
Average Motorcycle speed (mph):	0.0

**** TERRAIN SURFACE INFORMATION ****

Terrain surface: hard

**** RECEIVER INFORMATION ****

DESCRIPTION OF RECEIVER # 1

Standard Distance

Distance from center of 12-ft wide, single lane roadway (ft):	50.0
A-weighted Hourly Equivalent Sound Level without Barrier (dBA):	68.2

DESCRIPTION OF RECEIVER # 2

Community Center

Distance from center of 12-ft wide, single lane roadway (ft):	250.0
A-weighted Hourly Equivalent Sound Level without Barrier (dBA):	61.0

Phase I Environmental Site Assessment

Phase I Environmental Site Assessment

**Gonzales Community Center
Gonzales, California**

Prepared for:

City of Gonzales

Prepared by:

Rincon Consultants, Inc.
July 9, 2012





Rincon Consultants, Inc.

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July 9, 2012
Project 12-00079

Thomas Truskowski, Director
City of Gonzales, Community Development Department
147 Fourth Street, Gonzales, CA 93926

**Phase I Environmental Site Assessment – ASTM 05
Gonzales Community Center
Gonzales, California**

Dear Mr. Truskowski:

This report presents the findings of a Phase I Environmental Site Assessment (ESA) completed by Rincon Consultants, Inc. for the proposed Gonzales Community Center located in Gonzales, California. The Phase I ESA was performed in accordance with our revised proposal dated May 9, 2012.

The accompanying report presents our findings and provides an opinion regarding the potential presence of environmental site conditions. Our work program for this project, as referenced in our contract, is intended to meet the guidelines outlined in the American Society for Testing and Materials (ASTM), Standard Practice for Environmental Site Assessments: *Phase I Environmental Site Assessment Process* (ASTM Standard E-1527-05). Our scope of services, pursuant to ASTM practice, did not include any inquiries with respect to asbestos, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, vapor intrusion or other indoor air quality, mold, or high voltage power lines.

Thank you for selecting Rincon for this project. If you have any questions, or if we can be of any future assistance, please contact us.

Sincerely,
RINCON CONSULTANTS, INC.

A handwritten signature in black ink, appearing to read "Jake Lippman".

Jake Lippman, GIT
Staff Geologist

A handwritten signature in black ink, appearing to read "Michael Gialketsis".

Michael Gialketsis
President

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GONZALES, CALIFORNIA

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- Appendix 1 – Interview Documentation (User and Property Owner Questionnaires)
- Appendix 2 – Regulatory Records Documentation
- Appendix 3 – Historical Research Documentation



EXECUTIVE SUMMARY

This report presents the findings of a Phase I Environmental Site Assessment (ESA) for the proposed Gonzales Community Center located in Gonzales, California. The subject property consists of vacant land. Properties in the vicinity of the subject property include single-family residences and schools.

Rincon performed a reconnaissance of the subject property on June 15, 2012. The purpose of the reconnaissance was to observe existing subject property conditions and to obtain information indicating the possible presence of recognized environmental conditions (RECs) in connection with the subject property.

Environmental Data Resources, Inc. (EDR) was contracted to provide a database search of public lists of sites that generate, store, treat or dispose of hazardous materials or sites for which a release or incident has occurred. The EDR search was conducted for the subject property and includes data from surrounding sites within the ASTM E-1527-05 search distances of the subject property. The subject property was not listed in the environmental databases searched by EDR. Furthermore, there were no properties listed in the EDR report that are expected to impact the subject property.

Historical sources reviewed as part of this Phase I ESA include topographic maps, aerial photographs, and city directory listings. The historical sources reviewed indicate that the subject property was undeveloped and vacant from at least 1900 until 1955 and was used as residential housing until at least 2005.

One suspect condition was found in connection with the subject property:

- Potential historical agricultural land use on the subject property

Mr. Thomas Truszkowski, Community Development Director for the City of Gonzales, indicated in the property owner questionnaire that it is “highly likely” that the subject property was used for agricultural purposes prior to development of residential buildings in the 1950s. It is unlikely that residual contamination exists on the subject property because at least 50 years has passed since development of the residences, therefore, the potential historical agricultural land use is considered a de minimis condition.

If the City of Gonzales wants to determine if asbestos containing building materials and lead based paint are present in the soil from the demolition of the previously existing residential buildings, then soil sampling should be conducted.

INTRODUCTION

This report presents the findings of a Phase I ESA conducted for the proposed Gonzales Community Center located in Gonzales, California. This Phase I ESA was performed by Rincon Consultants, Inc. for the City of Gonzales in general conformance with ASTM E 1527-05 and revised proposal dated May 9, 2012. The following sections present our findings and provide our opinion as to the potential presence of environmental site conditions.

PURPOSE

The purpose of this Phase I ESA was to assess the environmental conditions of the subject property, taking into account commonly and reasonably ascertainable information and to qualify for Landowner Liability Protections under the Brownfields Amendments to CERCLA Liability.



An REC is defined pursuant to ASTM E 1527-05 as the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

DETAILED SCOPE OF SERVICES

The scope of services conducted for this study is outlined below:

- Perform an on-site reconnaissance to identify obvious indicators of the existence of hazardous materials.
- Observe adjacent or nearby properties from public thoroughfares in an attempt to see if such properties are likely to use, store, generate, or dispose of hazardous materials.
- Obtain and review an environmental records database search from EDR to obtain information about the potential for hazardous materials to exist at the subject property or at properties located in the vicinity of the subject property.
- Review the current U.S. Geological Survey (USGS) topographic map to obtain information about the subject property's topography and uses of the subject property and adjacent properties.
- Review historic aerial photographs, topographic maps, and city directory listings to obtain information about historic uses of the subject property and adjacent properties.
- Review California Division of Oil and Gas records to obtain information about historic oil and gas activity in the vicinity of the subject property.
- Provide interview questionnaires to the subject property owner and user of this Phase I ESA.

Our scope of services, pursuant to ASTM E 1527-05 practice, did not include any inquiries with respect to asbestos containing building materials, radon, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, vapor intrusion or other indoor air quality, biological agents, mold, or high voltage power lines.

SIGNIFICANT ASSUMPTIONS, LIMITATIONS, EXCEPTIONS, SPECIAL TERMS AND CONDITIONS

The City of Gonzales has requested this assessment and will use the assessment to provide information for the purposes of developing said property. No other use or disclosure is intended or authorized by Rincon. The City of Gonzales agrees to hold Rincon harmless for any inverse condemnation or devaluation of said property that may result if Rincon's report or information generated is used for other purposes. Also, this report is issued with the understanding that it is to be used only in its entirety. It is intended for use only by the client, and no other person or entity may rely upon the report without the express written consent of Rincon.



This work has been performed in accordance with good commercial, customary, and generally accepted environmental investigation practices for similar investigations conducted at this time and in this geographic area. No guarantee or warranties, expressed or implied are provided.

The findings and opinions conveyed in this report are based on findings derived from a site reconnaissance, review of an environmental database report, specified regulatory records and historical sources, and comments made by interviewees. This report is not intended as a comprehensive site characterization and should not be construed as such. Standard data sources relied upon during the completion of Phase I ESAs may vary with regard to accuracy and completeness. Although Rincon believes the data sources are reasonably reliable, Rincon cannot and does not guarantee the authenticity or reliability of the data sources it has used. Additionally, pursuant to our contract, the data sources reviewed included only those that are practically reviewable without the need for extraordinary analysis.

Rincon has not found evidence that hazardous materials or petroleum products exist at the subject property at levels likely to warrant mitigation. Rincon does not under any circumstances warrant or guarantee that not finding evidence of hazardous materials or petroleum products means that hazardous materials or petroleum products do not exist on the subject property. Additional research, including surface or subsurface sampling and analysis, can reduce the City of Gonzales' risks, but no techniques commonly employed can eliminate these risks altogether.

In addition, in accordance with our authorized work scope and contract, no attempt was made to check for the presence of asbestos, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, vapor intrusion or other indoor air quality, biological agents, mold, or high voltage power lines.

USER RELIANCE

This Phase I ESA was prepared for use solely and exclusively by the City of Gonzales. This report shall not be relied upon by or transferred to any other party without the express written authorization of Rincon Consultants, Inc.

SITE DESCRIPTION

LOCATION AND LEGAL DESCRIPTION

The subject property is located to the north, south, and east of Gabilan Court and to the east of 5th Street in Gonzales, California (Figures 1 and 2).

SITE AND VICINITY GENERAL CHARACTERISTICS

The subject property is located in an area that is primarily comprised of residential and commercial land use. Properties in the vicinity of the subject property include single-family residences and schools.

CURRENT USE OF THE SUBJECT PROPERTY

The subject property is currently vacant.



DESCRIPTIONS OF STRUCTURES, ROADS, OTHER IMPROVEMENTS ON THE SUBJECT PROPERTY

Gabilan Court runs through the center of the subject property. The rest of the subject property is vacant land.

CURRENT USES OF THE ADJOINING PROPERTIES

Current adjacent land uses are described in Table 1 and depicted in Figure 3, Adjacent Land Use Map.

Table 1 - Current Uses of Adjacent Properties

Area	Use
Northwestern Properties	5 th Street then Gonzales High School baseball field
Northeastern Properties	Single-family residential homes
Southwestern Properties	Single-family residential homes
Southeastern Properties	Fairview Middle School

USER PROVIDED INFORMATION

As described in ASTM E 1527-05 Section 6, the user of this report and a representative of the subject property owner, Thomas Truskowski, Community Development Director for the City of Gonzales, was interviewed for actual knowledge pertaining to the subject property to help identify the possibility of RECs in connection with the property. Mr. Truskowski completed the User Questionnaire as provided by ASTM-05 Appendix X3. A copy of the completed questionnaire is included in Appendix 1. The following information is based on our review of the completed questionnaire.

ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS

Mr. Truskowski is unaware of any information pertaining to environmental liens or activity and use limitations for the subject property.

SPECIALIZED KNOWLEDGE

Mr. Truskowski did not provide Rincon with any specialized knowledge related to the subject property.

COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

Mr. Truskowski indicated that the subject property was previously used for residential housing and lead based paint and asbestos were found and abated in the residences.

VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

Mr. Truskowski did not provide Rincon with any information pertaining to a valuation reduction for the subject property relative to any known environmental issues.



REASON FOR PERFORMING PHASE I ESA

The purpose of this Phase I ESA was to assess the environmental conditions of the subject property, taking into account commonly and reasonably ascertainable information and to qualify for Landowner Liability Protections under the Brownfields Amendments to CERCLA Liability.

OTHER

Mr. Truskowski indicated that based on his knowledge and experience related to the subject property, that there are no obvious indicators that point to the presence or likely presence of contamination at the subject property. He indicated that he is not aware of any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property. In addition, he is not aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products in connection with the subject property.

OWNER, PROPERTY MANAGER, AND OCCUPANT INFORMATION

A Property Owner Questionnaire regarding the current and former uses of the subject property was completed by Mr. Truskowski. The information obtained from the questionnaire is described in the Site Reconnaissance and Interviews section of this report.

RECORDS REVIEW

PHYSICAL SETTING SOURCES

Topography

The most recent USGS topographic map supplied by EDR (Gonzales Quadrangle, 1987) indicates that the subject property is situated at an elevation of approximately 50 feet above mean sea level and is flat.

Geology and Hydrogeology

Regional Geology

The subject property lies within the Coast Ranges Geomorphic Province of California. This province is characterized by northwest-trending mountain ranges (2,000 to 4,000, occasionally 6,000 feet elevation above sea level), and valleys. The ranges and valleys trend northwest, subparallel to the San Andreas Fault. Strata dip beneath alluvium of the Great Valley. To the west is the Pacific Ocean. The coastline is uplifted, terraced and wave-cut. The Coast Ranges are composed of thick Mesozoic and Cenozoic sedimentary strata. The northern and southern ranges are separated by a depression containing the San Francisco Bay. The northern Coast Ranges are dominated by irregular, knobby, landslide-topography of the Franciscan Complex. The eastern border is characterized by strike-ridges and valleys in Upper Mesozoic strata. In several areas, Franciscan rocks are overlain by volcanic cones and flows of the Quien Sabe, Sonoma and Clear Lake volcanic fields. The Coast Ranges are subparallel to the active San Andreas Fault. The San Andreas is more than 600 miles long, extending from Pt. Arena to the Gulf of California. West of the San Andreas is the Salinian Block, a granitic core extending from the southern extremity of the Coast Ranges to the north of the Farallon Islands.



Site Geology

Based on our review of the Geologic Map of the Gonzales Quadrangle (Dibblee, Jr., 1973), the subject property is underlain by Quaternary alluvial sediment. The subject property is not located within an Alquist-Priolo fault zone.

Regional Groundwater Occurrence

According to the October 2011 Semi-Annual Groundwater Monitoring Event for the Garcia's Market site, as reviewed on the Regional Water Quality Control Board's (RWQCB) GeoTracker database, depth to groundwater ranged from 38.85 to 40.71 feet below grade and flowed towards the west on October 5, 2011. This site is located approximately 0.5 miles to the west-southwest of the subject property at 800 North Alta Street.

Standard Environmental Record Sources

EDR was contracted to provide a database search of public lists of sites that generate, store, treat or dispose of hazardous materials or sites for which a release or incident has occurred. The EDR search was conducted for the subject property and included data from surrounding sites within a one mile radius of the subject property. A copy of the EDR report, which specifies the ASTM E 1527-05 search distance for each public list, is included as Appendix 2. As shown on the attached EDR report, Federal, State, and County lists were reviewed as part of the research effort.

Site listings with inadequate address information are listed in the EDR report as Orphan sites. We reviewed the Orphan site listings and conclude that none of the orphan sites are expected to impact the subject property.

Sites that were identified within one-quarter mile of the subject property are listed in Table 2 (see Appendix 2 for the complete EDR report) and include sites that appear in the following databases:

AST: Aboveground Petroleum Storage Tank Facilities (information is provided by the State Water Resources Control Board).

EDR Historical Cleaners: EDR searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDRs review was limited to those categories of sources that might include dry cleaning establishments. The categories reviewed included, but were not limited to, dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

FINANCIAL ASSURANCE: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

FINDS: Facility Index System. Contains both facility information and pointers to other sources that contain more detail.

HAZNET: Hazardous Waste Information System. Data that is extracted from the copies of hazardous waste manifests received each year by the Department of Toxic Substances Control.

HIST CORTESE: This historical listing includes sites designated by the State Water Resources Control Board (SWRCB), the Integrated Waste Board - Solid Waste



Information System (SWIS), and the Department of Toxic Substances Control (CALSTES). CALSTES contains information on Brownfield properties with confirmed or potential hazardous contamination. The SWIS records contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

HIST UST: The Hazardous Substance Storage Container Database is a historical listing of UST sites. This database is maintained by the State Water Resources Control Board.

LDS: Land Disposal Sites Listing. The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

RCRA-(SQG): RCRAInfo is U.S. EPA's comprehensive information system providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data and recording abilities of the Resource Conservation and Recovery Information System (RCRIS). The RCRAInfo database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by RCRA. Conditionally exempt small quantity generators (CESQG) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQG) generate between 100 kg and 1,000 kg of hazardous waste per month.

SWEEPS UST: Statewide Environmental Evaluation and Planning System. These underground storage tank listings were updated and maintained by a company contracted by the State Water Resources Control Board in the early 1980s. This database contains a historical listing of active and inactive UST locations. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

SWF/LF: The Solid Waste Facilities/Landfill Sites. Records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data comes from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database. Active, closed, and inactive landfills.



Table 2 - EDR Listing Summary of Sites Within One-Quarter Mile of the Subject Property

Site Name	Site Address	Distance from Subject Property (miles)	Database Reference
Gonzales UHSD	501 Fifth St.	<1/8 WNW	RCRA-SQG, FINDS, AST
Norcal/Johnson Canyon OPS/Johnson Canyon Landfill	31400 Johnson Canyon Rd.	<1/8 W (misplaced by EDR, this site is 2 miles to the NE)	RCRA-SQG, FINDS, HIST CORTESE, SWF/LF, NPDES, LDS, HAZNET, Financial Assurance
Camino Cleaners Wash & Dry	851 Fifth St. Unit X	1/8-1/4 NE	EDR Historical Cleaners
Sturdy Bulk Plant	Fanoe Rd. (misspelled as Fahoe Rd. by EDR)	1/8-1/4 NNE	HIST UST, SWEEPS UST

Subject Property

The subject property was not listed in the EDR report.

Adjacent Properties

Gonzales UHSD – 501 Fifth St.

This site is located northwest across Fifth St. from the subject property and was listed in the RCRA-SQG, FINDS, and AST databases. There were no unauthorized releases reported for this site, therefore, this site is not expected to impact the subject property.

Nearby Properties

There are no other properties listed in the EDR report that are expected to impact the subject property based on the distance to the subject property or expected direction of groundwater flow.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

Review of Agency Files

As a follow-up to the database search and the site reconnaissance, we reviewed data available on the online GeoTracker and EnviroStor databases for sites located in the vicinity of the subject property. Based on the anticipated groundwater flow direction to the west and the distance from the subject property, none of the sites listed in the vicinity of the subject property would be expected to impact the soil and groundwater beneath the subject property.

Review of State of California Division of Oil and Gas Records

A review of the District 3 Oil and Gas Map located on the Department of Conservation, Division of Oil, Gas & Geothermal Resources website indicates that no oil wells are located within one mile of the subject property.

Local Land Records

As indicated in the User Questionnaire, Mr. Truszkowski is unaware of any environmental liens with respect to the subject property.



HISTORICAL USE INFORMATION ON THE PROPERTY AND THE ADJOINING PROPERTIES

The historical records review completed for this Phase I ESA includes aerial photographs, topographic maps, and city directory listings as detailed in the following sections. Table 3 provides a summary of the historical use information available for the subject property dating back to 1910.

Review of Historic Aerial Photographs

Aerial photographs were provided by EDR and are summarized in Table 3. Copies of the aerial photographs are included in Appendix 3.

Review of City Directory Listings

City directory listings were provided by EDR and are summarized in Table 3. Copies of the city directory listings are included in Appendix 3.

Review of Fire Insurance Maps

Sanborn maps were not available for the subject property.

Review of Historic Topographic Maps

Historic topographic maps were provided by EDR and are summarized in Table 3. Copies of the historic topographic maps are included in Appendix 3.

Table 3 - Historical Use of the Subject Property and Adjacent Properties

Year	Use	Source
Subject Property		
1910	Vacant and undeveloped.	Topographic Map (TM) – Salinas Valley
1921	Similar to the 1910 TM.	TM - Gonzales
1941	Similar to the 1921 TM.	TM - Gonzales
1947	Similar to the 1941 TM.	TM - Gonzales
1955	There appear to be ten residential buildings along what is now Gabilan Court.	TM - Gonzales
1956	There appear to be ten residential buildings along what is now Gabilan Court.	Aerial Photograph (AP) - Aero
1957	Similar to the 1955 TM.	TM - Gonzales
1967	Similar to the 1956 AP.	AP - USGS
1971	Similar to the 1967 AP.	AP – Western
1981	405 Gabilan Ct. – Irma Sanchez 410 Gabilan Ct. – Nabor Guajardo 418 Gabilan Ct. – Salvador Torres 421 Gabilan Ct. – Amelia & Arturo Montoya	City Directory (CD) – Haines Criss-Cross Directory



Year	Use	Source
	432 Gabilan Ct. – Francisco Flores 437 Gabilan Ct. – Martin Gonzalez 438 Gabilan Ct. – Humberto Mariscal 442 Gabilan Ct. – John Santiago	
1981	Similar to the 1971 AP.	AP – USGS
1984	Similar to the 1957 TM.	TM - Gonzales
1987	409 Gabilan Ct. – A. Maldonado 410 Gabilan Ct. – Nabor Guajardo 421 Gabilan Ct. – Teresa Silba 422 Gabilan Ct. – Salomon Silva 433 Gabilan Ct. – Juan Olivares 437 Gabilan Ct. – Martin Gonzalez 438 Gabilan Ct. – Jose Dehoyos 441 Gabilan Ct. – Corina Besenaiz	CD – Haines Criss-Cross Directory
1987	The TM depicts the subject property as developed and does not depict individual buildings.	TM - Gonzales
1987	Similar to the 1981 AP.	AP – EDR
1989	Similar to the 1987 AP.	AP – USGS
1991	429 Gabilan Ct. – Francisco Morones 410 Gabilan Ct. – Nabor Guajardo 418 Gabilan Ct. – Julio Martinez 422 Gabilan Ct. – Maria Ornelas 438 Gabilan Ct. – Jose Dehoyos	CD – Haines Criss-Cross Directory
1991	406 Gabilan Ct. – Ignacio Lopez 429 Gabilan Ct. – Nabor Guajardo	CD – Haines Criss-Cross Directory
2002	401 Gabilan Ct. – Benjamin Gonzales 409 Gabilan Ct. – Aurelia & Robert Guillen 418 Gabilan Ct. – Isabel Agirre 421 Gabilan Ct. – Nabor Guajardo 432 Gabilan Ct. – Mauricio Valdez 437 Gabilan Ct. – Erlinda Romero	CD – Haines Criss-Cross Directory
2005	Similar to the 1989 AP.	AP - EDR
Northeastern Adjoining		
1910	Vacant and undeveloped.	TM – Salinas Valley
1921	Similar to the 1910 TM.	TM - Gonzales



Year	Use	Source
1941	Similar to the 1921 TM.	TM - Gonzales
1947	Similar to the 1941 TM.	TM - Gonzales
1955	Similar to the 1947 TM.	TM - Gonzales
1956	There appear to be row crops.	AP - Aero
1957	Similar to the 1955 TM.	TM - Gonzales
1967	The land has been graded and appears to be vacant.	AP - USGS
1971	There appear to be single-family residential homes similar to the currently existing homes.	AP – Western
1981	Similar to the 1971 AP.	AP – USGS
1984	There appear to be single-family residential homes.	TM - Gonzales
1987	The TM depicts the area as developed and does not depict individual buildings.	TM - Gonzales
1987	Similar to the 1981 AP.	AP – EDR
1989	Similar to the 1987 AP.	AP – USGS
2005	Similar to the 1989 AP.	AP - EDR
Northwestern Adjoining		
1910	What is now 5 th Street then vacant and undeveloped.	TM – Salinas Valley
1921	Similar to the 1910 TM.	TM - Gonzales
1941	Similar to the 1921 TM.	TM - Gonzales
1947	Similar to the 1941 TM.	TM - Gonzales
1955	There appears to be a field/track across 5 th Street.	TM - Gonzales
1956	What is now 5 th Street then a baseball field.	AP - Aero
1957	Similar to the 1955 TM.	TM - Gonzales
1967	Similar to the 1956 AP.	AP - USGS
1971	Similar to the 1967 AP.	AP – Western
1981	Similar to the 1971 AP.	AP – USGS
1984	Vacant and undeveloped.	TM - Gonzales
1987	Similar to the 1984 TM.	TM - Gonzales
1987	Similar to the 1981 AP.	AP – EDR
1989	Similar to the 1987 AP.	AP – USGS
2005	Similar to the 1989 AP.	AP - EDR
Southeastern Adjoining		
1910	Vacant and undeveloped.	TM – Salinas Valley



Year	Use	Source
1921	Similar to the 1910 TM.	TM - Gonzales
1941	Similar to the 1921 TM.	TM - Gonzales
1947	Similar to the 1941 TM.	TM - Gonzales
1955	Similar to the 1947 TM.	TM - Gonzales
1956	There appear to be row crops.	AP - Aero
1957	Similar to the 1955 TM.	TM - Gonzales
1967	Similar to the 1956 AP.	AP - USGS
1971	Similar to the 1967 AP.	AP – Western
1981	There appear to be single-family residential homes similar to the currently existing homes.	AP – USGS
1984	There appear to be single-family residential homes.	TM - Gonzales
1987	The TM depicts the area as developed and does not depict individual buildings.	TM - Gonzales
1987	Similar to the 1981 AP.	AP – EDR
1989	Similar to the 1987 AP.	AP – USGS
2005	Similar to the 1989 AP.	AP - EDR
Southwestern Adjoining		
1910	Vacant and undeveloped.	TM – Salinas Valley
1921	Similar to the 1910 TM.	TM - Gonzales
1941	Similar to the 1921 TM.	TM - Gonzales
1947	Similar to the 1941 TM.	TM - Gonzales
1955	Similar to the 1947 TM.	TM - Gonzales
1956	There appears to be graded, vacant land.	AP - Aero
1957	Similar to the 1955 TM.	TM - Gonzales
1967	There appears to be a structure and an orchard.	AP - USGS
1971	Similar to the 1967 AP.	AP – Western
1981	Similar to the 1971 AP.	AP – USGS
1984	Similar to the 1957 TM.	TM - Gonzales
1987	Similar to the 1984 TM.	TM - Gonzales
1987	Similar to the 1981 AP.	AP – EDR
1989	Similar to the 1987 AP.	AP – USGS
2005	The orchards no longer exist and there appear to be several buildings similar to the currently existing buildings.	AP - EDR



Summary of Historic Uses of the Subject Property

The historical sources reviewed indicate that the subject property was undeveloped and vacant from at least 1900 until 1955 and was used as residential housing until at least 2005.

Gaps in Historical Sources

Seven gaps of greater than five years were identified in the historical records reviewed from 1910 to 1921, 1921 to 1941, 1941 to 1947, 1947 to 1955, 1957 to 1967, 1971 to 1981, and 1991 to 2002. These data gaps are not considered significant because the land use before and after the data gaps show that land use did not change significantly between any of the data gaps.

SITE RECONNAISSANCE AND INTERVIEWS

Rincon performed a site reconnaissance of the subject property on June 15, 2012. The purpose of the reconnaissance was to observe existing site conditions and to obtain information indicating the possible presence of RECs in connection with the subject property.

INTERVIEWS

Interview with Owner

A property owner questionnaire was completed by the subject property owner, Mr. Truskowski. A copy of the completed questionnaire is included in Appendix 3. The following information is based on our review of the completed questionnaire.

Mr. Truskowski indicated that the subject property is currently vacant and was previously used for residential housing since the early 1950s. Mr. Truskowski indicated that it is “highly likely” that the subject property was used for agricultural purposes prior to residential development. Mr. Truskowski indicated that the City of Gonzales obtained ownership around 2009 from the Housing Authority of Monterey County.

Mr. Truskowski indicated that the previous buildings on the subject property contained lead based paint and asbestos and that these materials were abated.

Mr. Truskowski indicated that he is not aware of any 55-gallon drums, storage tanks, hazardous materials or waste, fill dirt, pits, ponds, lagoons, stained soil, vent pipes, fill pipes, or access ways currently on the subject property. Mr. Truskowski indicated that he is not aware of any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property. Mr. Truskowski indicated that he is not aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products in connection with the subject property.

Interview with Site Manager

A site manager was not identified to Rincon during the preparation of this Phase I ESA.

Interviews with Occupants

The subject property was vacant at the time of the site reconnaissance.



Interviews with Local Government Officials

As part of the Phase I ESA, environmental documents were reviewed on the RWQCB GeoTracker online database. The environmental document review is described in the Review of Agency Files section of this report.

SITE RECONNAISSANCE

Methodology and Limiting Conditions

The site reconnaissance was conducted by 1) observing the subject property from public thoroughfares and 2) observing the adjoining properties from public thoroughfares.

Current Use of the Subject Property and Adjacent Properties

Subject Property

The subject property is vacant.

Adjacent Properties

Residential homes are located to the northeast and southeast, 5th Street then Gonzales High School baseball field is located to the northwest, and Fairview Middle School is located to the southwest.

Past Use of the Subject Property and Adjacent Properties

Past uses of the subject property and adjacent properties were not readily apparent based on the site reconnaissance.

Current or Past Uses in the Surrounding Area

Past uses of the surrounding area were not readily apparent based on the site reconnaissance.

Geologic, Hydrogeologic, Hydrologic and Topographic Conditions

Geologic, Hydrogeologic, Hydrologic and topographic information are as previously stated in the Physical Settings Section of this report.

General Description of Structures

The subject property is vacant.

INTERIOR AND EXTERIOR OBSERVATIONS

Drums

There were no drums identified on the subject property during the site reconnaissance.

Hazardous Substances and Petroleum Products

There were no hazardous substances or petroleum products observed on the subject property during the site reconnaissance.

Unidentified Substance Containers

Unidentified substance containers or unidentified containers that might contain hazardous substances were not observed on the subject property during the site reconnaissance.



Odors

Rincon did not identify any strong, pungent, or noxious odors on the subject property during the site reconnaissance.

Pools of Liquid

Rincon did not identify any pools of liquid including standing surface water on the subject property during the site reconnaissance.

Indications of Polychlorinated Biphenyls (PCBs)

There were no indications of PCBs observed on the subject property during the site reconnaissance.

Other Conditions of Concern

Rincon did not observe any of the following conditions on the subject property during the site reconnaissance:

- *heating/cooling systems*
- *clarifiers and sumps*
- *stressed vegetation*
- *waste water*
- *wells*
- *septic systems/effluent disposal system*
- *stains or corrosion*
- *pits, ponds, or lagoons*
- *solid waste/debris/fill material*

FINDINGS

One suspect condition was found in connection with the subject property:

- Potential historical agricultural land use on the subject property

OPINIONS

Mr. Truskowski indicated in the property owner questionnaire that it is “highly likely” that the subject property was used for agricultural purposes prior to development of residential buildings in the 1950s. It is unlikely that residual contamination exists on the subject property because at least 50 years has passed since development of the residences, therefore, the potential historical agricultural land use is considered a de minimis condition.

CONCLUSIONS

Rincon Consultants, Inc. has performed a Phase I ESA in general conformance with the scope and limitations of ASTM Practice E 1527-05 for the proposed Gonzales Community Center located in Gonzales, California. There were no suspect conditions found in connection with the subject property.



RECOMMENDATIONS

There were no suspect conditions found in connection with the subject property, therefore, we do not recommend further assessment of the subject property.

If the City of Gonzales wants to determine if asbestos containing building materials and lead based paint are present in the soil from the demolition of the previously existing residential buildings, then soil sampling should be conducted.

DEVIATIONS

Seven gaps of greater than five years were identified in the historical records reviewed from 1910 to 1921, 1921 to 1941, 1941 to 1947, 1947 to 1955, 1957 to 1967, 1971 to 1981, and 1991 to 2002. These data gaps are not considered significant because the land use before and after the data gaps show that land use did not change significantly between any of the data gaps.

REFERENCES

The following reference materials were used in preparation of this Phase I ESA:

Environmental database: Environmental Data Resources (EDR) Radius Map Report dated June 11, 2012.

Geology:

Dibblee Jr., Thomas W. Geologic Map of the Gonzales Quadrangle, 1973.

Groundwater:

GeoTracker Website maintained by the State Water Resources Control Board,
<http://www.geotracker.swrcb.ca.gov>.

Topography:

USGS topographic map (Gonzales Quadrangle, 1987)

Oil and gas records:

State of California, Division of Oil, Gas and Geothermal Resources website:
<http://www.consrv.ca.gov/DOG/index.htm>

Aerial photographs:

EDR Aerial Photo Decade Package dated June 13, 2012.

Topographic maps:

EDR Historical Topographic Map Report dated June 8, 2012.

City directory listings:

EDR City Directory Abstract dated June 19, 2012.



SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

The qualified environmental professional that is responsible for preparing the report is Walt Hamann. His qualifications are summarized in the following section.

“We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 312.10 of 40 CFR 312. We have the specific qualifications based on education, training and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.”



Signature

July 9, 2012

Date

Michael P. Gialketsis

Name

President

Title



QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

The environmental professional responsible for conducting this Phase I ESA and preparing the report is Michael Gialketsis.

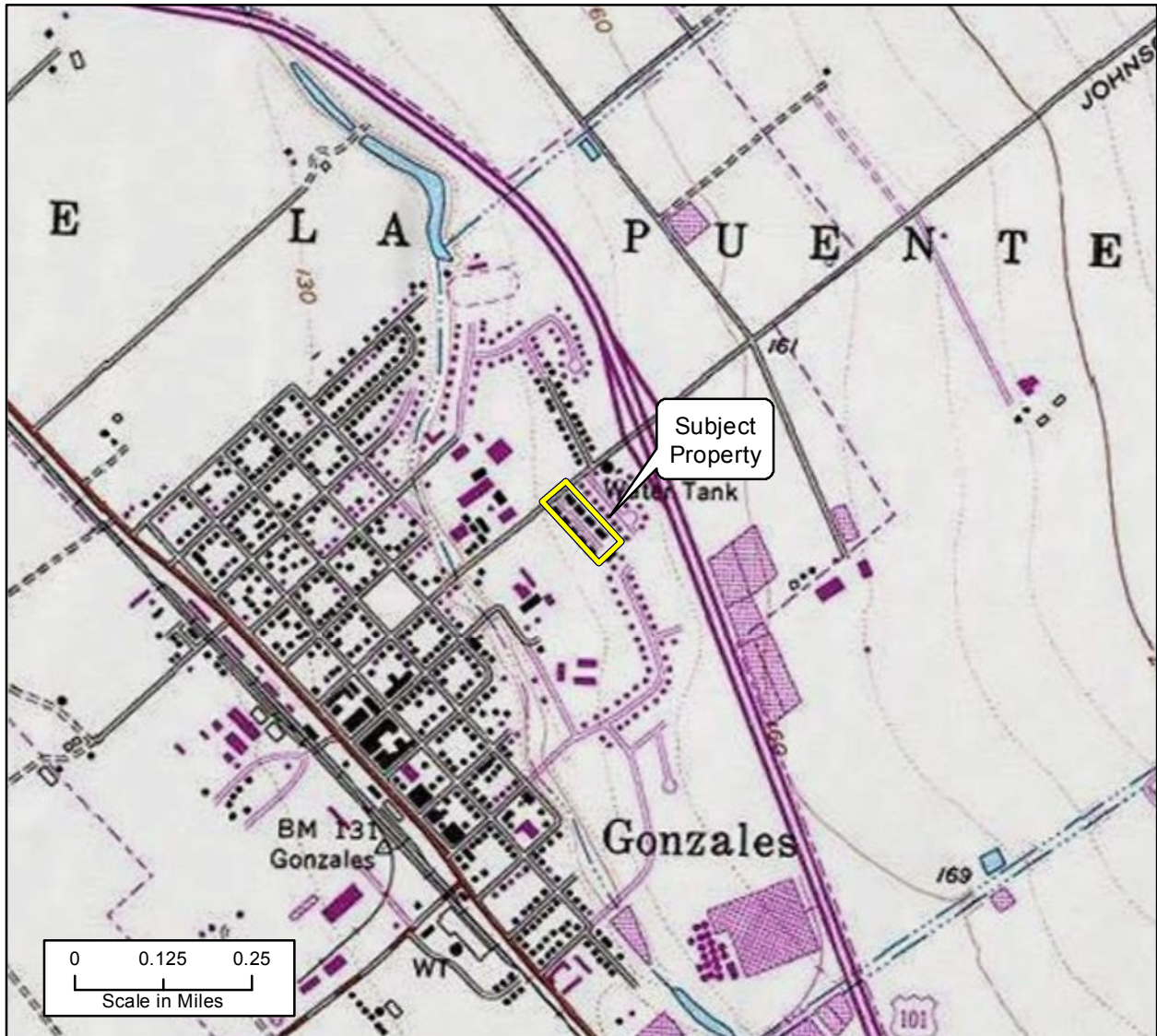
Environmental Professional Qualifications	X2.1.1 (2) (i) - Professional Engineer or Professional Geologist License or Registration, and 3 years of full-time relevant experience	X2.1.1 (2) (ii) - Licensed or certified by the Federal Government, State, Tribe, or U.S. Territory to perform environmental inquiries	X2.1.1 (2) (iii) – Baccalaureate or Higher Degree from and accredited institution of higher education in a discipline of engineering or science and the equivalent of 5 years of full-time relevant experience	X2.1.1 (2) (iii) – Equivalent of 10 years of full-time relevant experience
Michael P. Gialketsis			BA Environmental Studies	30 years
Walt Hamann	PG		MS Geology	25 years

Michael P. Gialketsis is a Principal and Senior Environmental Planner with Rincon Consultants, Inc. He holds a Bachelor of Arts degree in Environmental Studies from the University of California, Santa Barbara. He has over 30 years of experience as a project manager and environmental analyst. Mr. Gialketsis has a strong multi-disciplinary background and has been responsible for preparation of several hundred environmental studies within southern California.

Walt Hamann, PG, CEG, CHG is a Principal and Senior Geologist with Rincon Consultants. He holds a Bachelor of Arts degree in geology from the University of California, Santa Barbara and a Master of Science degree in geology from the University of California, Los Angeles. He has over 20 years of experience conducting assessment and remediation projects and has prepared or overseen the preparation of hundreds of Phase I and Phase II Environmental Site Assessments throughout California. Mr. Hamann is a Professional Geologist (#4742), Certified Engineering Geologist (#1635), and Certified Hydrogeologist (#208) with the State of California.

Jake Lippman, GIT is a Staff Geologist with Rincon Consultants. He holds a Bachelor of Science degree in Geology from the University of California, Davis and a Master of Arts degree in Climate and Society from Columbia University. Mr. Lippman’s responsibilities include implementation of Phase I and Phase II Environmental Site Assessments as well as Storm Water Pollution Prevention Plans within the Environmental Site Assessment and Remediation Group. Mr. Lippman is a Geologist-In-Training (#376) with the State of California.





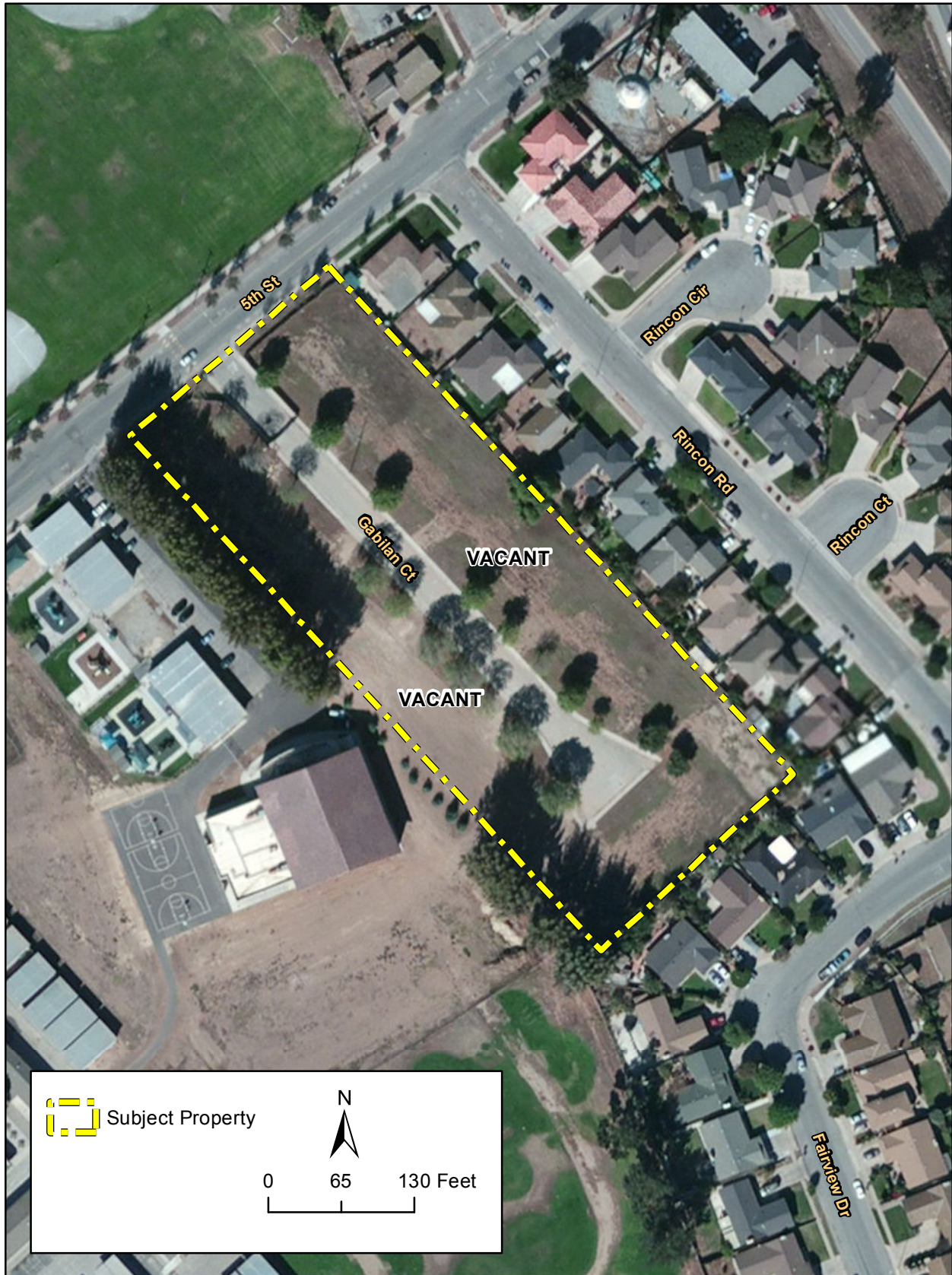
Imagery provided by ESRI and its licensors, 2012. USGS Topo, Copyright: © 2012 National Geographic Society. The topographic representation depicted in this map may not portray all of the features currently found in the vicinity today and/or features depicted in this map may have changed since the original topographic map was assembled.



Vicinity Map

Figure 1

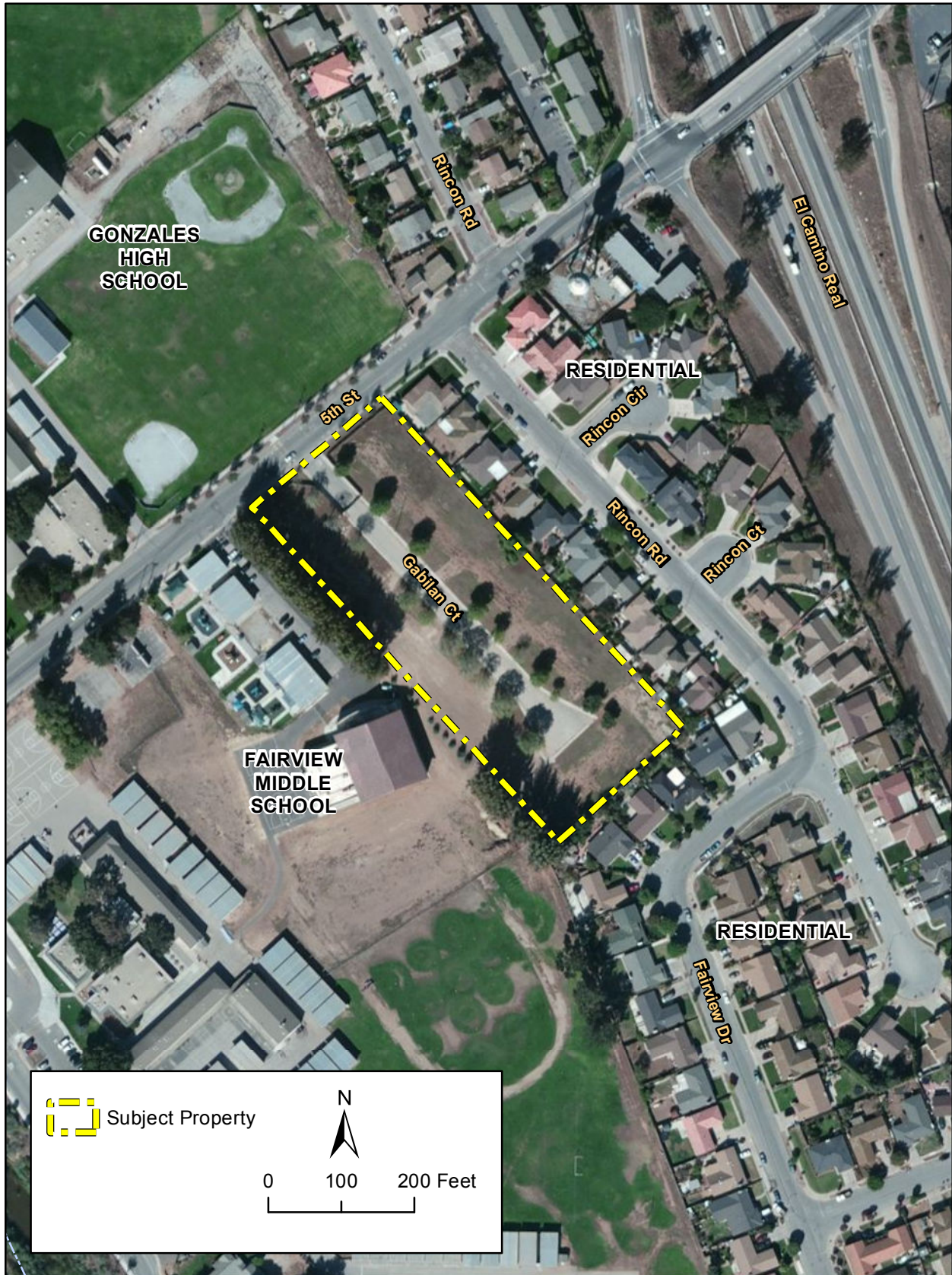




Bing Maps Aerial: (c) 2010 Microsoft Corporation and its data suppliers.

Site Map

Figure 2



Bing Maps Aerial: (c) 2010 Microsoft Corporation and its data suppliers.

Adjacent Land Use Map

Figure 3
Rincon Consultants, Inc.



Photograph 1: View to the south of Gabilan Court on the subject property, facing northwest.



Photograph 2: View to the north of Gabilan Court on the subject property, facing northwest.



Photograph 3: View of the southeastern end of the subject property, facing south.



Photograph 4: View of the northwestern end of the subject property, facing west.



Photograph 5: View of Fairview Middle School (beyond trees) to the southwest of the subject property, facing southwest.



Photograph 6: View of the northwestern corner of the subject property and of Gonzales High School to the northwest of the subject property, facing northwest.

Site Photographs

Figure 4

Rincon Consultants, Inc.



Appendix 1

**Interview Documentation
(User and Property Owner
Questionnaires)**

To qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the “*Brownfields Amendments*”), the user must provide the following information to the *environmental professional*. Failure to provide this information could result in a determination that “*all appropriate inquiry*” is not complete.

We respectfully request that you fill out this form and e-mail it to jlippman@rinconconsultants.com or fax it to **Jake Lippman** at **805-644-4240** within one week from the date of this transmittal.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state, or local law? (40 CFR 312.25)

Please checkmark the most appropriate response:

- I have not reviewed the records and **do not know** if there are any filed or recorded environmental liens.
- I have reviewed the records, and **No, there aren't any** filed or recorded environmental liens.
- I have reviewed the records, and **Yes, there are** environmental liens. Explain:

2. Are you aware of any activity and land use limitations (AULs), such as engineering controls, land use restrictions, or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law? (40 CFR 312.26)

Please checkmark the most appropriate response:

- I have not reviewed the records and **do not know** if there are any filed/recorded AULs or any AULs in place at the site.
- I have reviewed the records, and **No, there aren't any** filed/recorded AULs or any AULs in place at the site.
- I have reviewed the records, and **Yes, there are** AULs filed, recorded, and/or in place at the site. Explain:



3. Does the Title Report provide any information pertaining to environmental cleanup liens or activity and use limitations (AULs) for the subject property?

Please checkmark the most appropriate response:

- I *have not* reviewed the Title Report and ***do not know*** if it provides environmental cleanup liens or AULs information.
- I *have* reviewed the Title Report, and ***No, it does not*** provide environmental cleanup liens or AULs information.
- I *have* reviewed the Title Report, and ***Yes, it does provide*** environmental cleanup liens or AULs information. Explain:

4. As the user of this ESA and the person seeking to qualify for the LLP, do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? (40 CFR 312.28)

Please checkmark the most appropriate response:

- No***, I *do not* have any specialized knowledge and/or experience related to the property or nearby properties.
- Yes***, I *do* have specialized knowledge and/or experience related to the property or nearby properties. Explain:



5. As the user of this ESA, based on your knowledge and experience related to the property, are you aware of any information pertaining to a reduction in value for the subject property relative to any known environmental issues?

Please checkmark the most appropriate response:

- No*, I *do not* have any information about a reduction in property value relative to environmental issues.
- Yes*, I *do* have information about a reduction in property value relative to environmental issues. Explain:

6. Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

Please checkmark the most appropriate response:

- Yes*, I *do* believe the purchase price being paid for this property reasonably reflects the fair market value of the property. Skip to question #7.
- No*, I *do not* believe the purchase price being paid for this property reasonably reflects the fair market value of the property. Proceed to question #6a.

- a. If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? (40 CFR 312.29)

Please checkmark the most appropriate response:

- No*, I *have not* considered the idea that known or believed contamination at the site has caused the lower purchase price.
- Yes*, I *have* considered the idea that known or believed contamination at the site has caused the lower purchase price. Explain.



7. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? (40 CFR 312.30)

a. What are the past uses of the property?

I do not know.

I do know. Explain: Residential

b. What (if any) specific chemicals are present, or once were present, at the property?

I do not know.

I do know. Explain: UNITS were found to have LEAD BASE PAINT and Asbestos.

c. What (if any) spills or other chemical releases have taken place at the property?

I do not know.

I do know. Explain:

d. What (if any) environmental cleanups have taken place at the property?

I do not know.

I do know. Explain: LEAD BASE PAINT and Asbestos materials were Abated.

8. As the User of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property? (40 CFR 312.31)

Please checkmark the most appropriate response:

No, I do not know and/or do not have any experience with any obvious indicators that point to the presence or likely presence of contamination at the property.

Yes, I do know of and/or do have experience with obvious indicators that point to the presence or likely presence of contamination at the property. Explain:



9. Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site?

- No, I am not aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site.*
- Yes, I am aware of pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site. Explain:*

10. Are you aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site?

- No, I am not aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site.*
- Yes, I am aware of pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site. Explain:*



11. Are you aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

- No, I am not aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.*
- Yes, I am aware of a notice, or notices, from a government entity (or multiple government entities) regarding a possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products. Explain:*

This questionnaire was completed by (please print):

Name	THOMAS TRUSZKOWSKI	
Title	Community Development Director	
Firm	City of Gonzales	
Street Address	P.O. 1647 / 147 Fourth Street	
City, State, Zip Code	Gonzales, CA 93926	
Phone Number	831-675-5222	
Fax Number		
What is the preparer's relationship to the property (i.e., seller, buyer, occupant, property manager, employee, agent, consultant, etc.)?	Employee	

The preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct, and to the best of the preparer's knowledge, no material facts have been suppressed or misstated.

Signature  Date 6.12.2012

Please email this form to Jake Lippman at jlippman@rinconconsultants.com, or fax this form to Jake Lippman at (805) 644-4240. This form may also be mailed to the following address:

Rincon Consultants, Inc.
 5355 Avenida Encinas, Suite 103
 Carlsbad, California 92008
Attention: Jake Lippman
 Phone: (760) 918-9444



Property Owner Interview Questionnaire
Rincon Project 12-00079 – Gonzales Community Center, Gonzales, California

This questionnaire should be completed by the current subject property owner or a designated representative of the current subject property owner. We respectfully request that you fill out and return this form (via fax 805-644-4240 or email jlippman@rinconconsultants.com) to us within one week from the date of this transmittal.

1)a	<p>Was the subject property ever used as:</p> <table border="0"> <tr> <td><input type="checkbox"/> a gasoline or other fueling station</td> <td><input type="checkbox"/> a junkyard or landfill</td> </tr> <tr> <td><input type="checkbox"/> a motor vehicle repair facility</td> <td><input type="checkbox"/> a waste treatment, storage, disposal, processing or recycling facility</td> </tr> <tr> <td><input type="checkbox"/> a commercial printing facility</td> <td><input type="checkbox"/> a machine shop</td> </tr> <tr> <td><input type="checkbox"/> a dry cleaners</td> <td><input type="checkbox"/> a manufacturing facility</td> </tr> <tr> <td><input type="checkbox"/> a photo developing laboratory</td> <td><input type="checkbox"/> an oil production facility (including oil wells)</td> </tr> <tr> <td><input type="checkbox"/> a metal plating facility</td> <td><input type="checkbox"/> any other industrial use</td> </tr> <tr> <td><input checked="" type="checkbox"/> a farm</td> <td></td> </tr> </table> <p>(please check all that apply and describe) <i>It is highly likely that the property was probably used for agricultural purposes prior to its development.</i></p>	<input type="checkbox"/> a gasoline or other fueling station	<input type="checkbox"/> a junkyard or landfill	<input type="checkbox"/> a motor vehicle repair facility	<input type="checkbox"/> a waste treatment, storage, disposal, processing or recycling facility	<input type="checkbox"/> a commercial printing facility	<input type="checkbox"/> a machine shop	<input type="checkbox"/> a dry cleaners	<input type="checkbox"/> a manufacturing facility	<input type="checkbox"/> a photo developing laboratory	<input type="checkbox"/> an oil production facility (including oil wells)	<input type="checkbox"/> a metal plating facility	<input type="checkbox"/> any other industrial use	<input checked="" type="checkbox"/> a farm	
<input type="checkbox"/> a gasoline or other fueling station	<input type="checkbox"/> a junkyard or landfill														
<input type="checkbox"/> a motor vehicle repair facility	<input type="checkbox"/> a waste treatment, storage, disposal, processing or recycling facility														
<input type="checkbox"/> a commercial printing facility	<input type="checkbox"/> a machine shop														
<input type="checkbox"/> a dry cleaners	<input type="checkbox"/> a manufacturing facility														
<input type="checkbox"/> a photo developing laboratory	<input type="checkbox"/> an oil production facility (including oil wells)														
<input type="checkbox"/> a metal plating facility	<input type="checkbox"/> any other industrial use														
<input checked="" type="checkbox"/> a farm															
1)b	<p>Was the adjoining properties ever used as:</p> <table border="0"> <tr> <td><input type="checkbox"/> a gasoline or other fueling station</td> <td><input type="checkbox"/> a junkyard or landfill</td> </tr> <tr> <td><input type="checkbox"/> a motor vehicle repair facility</td> <td><input type="checkbox"/> a waste treatment, storage, disposal, processing or recycling facility</td> </tr> <tr> <td><input type="checkbox"/> a commercial printing facility</td> <td><input type="checkbox"/> a machine shop</td> </tr> <tr> <td><input type="checkbox"/> a dry cleaners</td> <td><input type="checkbox"/> a manufacturing facility</td> </tr> <tr> <td><input type="checkbox"/> a photo developing laboratory</td> <td><input type="checkbox"/> an oil production facility (including oil wells)</td> </tr> <tr> <td><input type="checkbox"/> a metal plating facility</td> <td><input type="checkbox"/> any other industrial use</td> </tr> <tr> <td><input checked="" type="checkbox"/> a farm</td> <td></td> </tr> </table> <p>(please check all that apply and describe) <i>SAME ANSWER AS 1A ABOVE.</i></p>	<input type="checkbox"/> a gasoline or other fueling station	<input type="checkbox"/> a junkyard or landfill	<input type="checkbox"/> a motor vehicle repair facility	<input type="checkbox"/> a waste treatment, storage, disposal, processing or recycling facility	<input type="checkbox"/> a commercial printing facility	<input type="checkbox"/> a machine shop	<input type="checkbox"/> a dry cleaners	<input type="checkbox"/> a manufacturing facility	<input type="checkbox"/> a photo developing laboratory	<input type="checkbox"/> an oil production facility (including oil wells)	<input type="checkbox"/> a metal plating facility	<input type="checkbox"/> any other industrial use	<input checked="" type="checkbox"/> a farm	
<input type="checkbox"/> a gasoline or other fueling station	<input type="checkbox"/> a junkyard or landfill														
<input type="checkbox"/> a motor vehicle repair facility	<input type="checkbox"/> a waste treatment, storage, disposal, processing or recycling facility														
<input type="checkbox"/> a commercial printing facility	<input type="checkbox"/> a machine shop														
<input type="checkbox"/> a dry cleaners	<input type="checkbox"/> a manufacturing facility														
<input type="checkbox"/> a photo developing laboratory	<input type="checkbox"/> an oil production facility (including oil wells)														
<input type="checkbox"/> a metal plating facility	<input type="checkbox"/> any other industrial use														
<input checked="" type="checkbox"/> a farm															

2)	<p>Please describe the current land uses of the subject property and those surrounding your property. Please indicate all businesses/companies located on property.</p>					
2a	<p>Current use of Subject Property (please check all that apply)</p> <table border="0"> <tr> <td><input type="checkbox"/> Commercial (retail, offices, etc.)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Residential (single family or apartments)</td> </tr> <tr> <td><input type="checkbox"/> Industrial (manufacturing, warehousing, processing)</td> </tr> <tr> <td><input type="checkbox"/> Other-Please Describe</td> </tr> </table>	<input type="checkbox"/> Commercial (retail, offices, etc.)	<input checked="" type="checkbox"/> Residential (single family or apartments)	<input type="checkbox"/> Industrial (manufacturing, warehousing, processing)	<input type="checkbox"/> Other-Please Describe	<p>(please include a brief description of current operation) <i>All Residential units have been demolished and property is currently vacant.</i></p>
<input type="checkbox"/> Commercial (retail, offices, etc.)						
<input checked="" type="checkbox"/> Residential (single family or apartments)						
<input type="checkbox"/> Industrial (manufacturing, warehousing, processing)						
<input type="checkbox"/> Other-Please Describe						
2b	<p>Current use of Northern Adjoining Properties (please check all that apply)</p> <table border="0"> <tr> <td><input type="checkbox"/> Commercial (retail, offices, etc.)</td> </tr> <tr> <td><input type="checkbox"/> Residential (single family or apartments)</td> </tr> <tr> <td><input type="checkbox"/> Industrial (manufacturing, warehousing, processing)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other-Please Describe</td> </tr> </table>	<input type="checkbox"/> Commercial (retail, offices, etc.)	<input type="checkbox"/> Residential (single family or apartments)	<input type="checkbox"/> Industrial (manufacturing, warehousing, processing)	<input checked="" type="checkbox"/> Other-Please Describe	<p>(please include a brief description of current operation) <i>City Arterial Roadway and School Grounds.</i></p>
<input type="checkbox"/> Commercial (retail, offices, etc.)						
<input type="checkbox"/> Residential (single family or apartments)						
<input type="checkbox"/> Industrial (manufacturing, warehousing, processing)						
<input checked="" type="checkbox"/> Other-Please Describe						
2c	<p>Current use of Southern Adjoining Properties (please check all that apply)</p> <table border="0"> <tr> <td><input type="checkbox"/> Commercial (retail, offices, etc.)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Residential (single family or apartments)</td> </tr> <tr> <td><input type="checkbox"/> Industrial (manufacturing, warehousing, processing)</td> </tr> <tr> <td><input type="checkbox"/> Other-Please Describe</td> </tr> </table>	<input type="checkbox"/> Commercial (retail, offices, etc.)	<input checked="" type="checkbox"/> Residential (single family or apartments)	<input type="checkbox"/> Industrial (manufacturing, warehousing, processing)	<input type="checkbox"/> Other-Please Describe	<p>(please include a brief description of current operation) <i>Area to the South is a built-out Residential Subdivision.</i></p>
<input type="checkbox"/> Commercial (retail, offices, etc.)						
<input checked="" type="checkbox"/> Residential (single family or apartments)						
<input type="checkbox"/> Industrial (manufacturing, warehousing, processing)						
<input type="checkbox"/> Other-Please Describe						
2d	<p>Current use of Western Adjoining Properties (please check all that apply)</p>	<p>(please include a brief description of current operation)</p>				

Property Owner Interview Questionnaire
Rincon Project 12-00079 – Gonzales Community Center, Gonzales, California

	<input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input checked="" type="checkbox"/> Other-Please Describe	School Grounds
2e	Current use of Eastern Adjoining Properties (please check all that apply) <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other-Please Describe	(please include a brief description of current operation) Area to the East is a built-out Residential Subdivision.

3)	Please describe the previous land uses of your property and those surrounding your property. Include property ownership and dates of operation if known.	
3a	Previous use of Subject Property (please check all that apply) <input type="checkbox"/> Commercial (retail, offices, etc.) <input checked="" type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other-Please Describe	(please include a brief description of previous operations, former property owners, and dates of operation) Subdivision constructed in the early 1950's by the Monterey County Housing Authority. Units demolished in 2009
3b	Previous use of Northern Adjoining Properties (please check all that apply) <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input checked="" type="checkbox"/> Other-Please Describe	(please include a brief description of previous operations) City Arterial & School Grounds
3c	Previous use of Southern Adjoining Properties (please check all that apply) <input type="checkbox"/> Commercial (retail, offices, etc.) <input checked="" type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other-Please Describe	(please include a brief description of previous operations)
3d	Previous use of Western Adjoining Properties (please check all that apply) <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input checked="" type="checkbox"/> Other-Please Describe	(please include a brief description of previous operations) School Grounds
3e	Previous use of Eastern Adjoining Properties (please check all that apply) <input type="checkbox"/> Commercial (retail, offices, etc.) <input checked="" type="checkbox"/> Residential (single family or apartments) <input type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other-Please Describe	(please include a brief description of previous operations)

4)	Who is the current owner of the facility?	City of Gonzales
----	---	------------------

Property Owner Interview Questionnaire
 Rincon Project 12-00079 – Gonzales Community Center, Gonzales, California

5)	When did current ownership begin?	Approximately 2009
----	-----------------------------------	--------------------

6)	What is the age of the on-site facility?	N/A Property is vacant
----	--	------------------------

7)	Who is the previous owner of the property?	Housing Authority of Monterey County
----	--	--------------------------------------

8)	Please indicate the property's current	
	electrical service provider -	PG&E
	water service provider -	City of Gonzales
	natural gas service provider -	PG&E
	sewer service provider -	City of Gonzales
	solid waste hauler -	Tri-Cities Disposal

9)	To the best of your knowledge, has your facility previously or does your facility currently store or use any of the following in individual containers larger than 5 gallons in volume or 50 gallons in the aggregate? (if yes or unknown, include how many, type, and size)	
<input type="checkbox"/>	Damaged or discarded automotive or industrial batteries	NO
<input type="checkbox"/>	Pesticides	NO
<input type="checkbox"/>	Paints	NO
<input type="checkbox"/>	Oils or solvents	NO
<input type="checkbox"/>	Motor vehicle fuel	NO
<input type="checkbox"/>	Pesticides or Herbicides	NO
<input type="checkbox"/>	Other Chemicals or hazardous substances	NO

10)	Please indicate any wastes generated at the facility.		
	Hazardous waste:	Quantity:	Disposal Method:

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11)	Are there currently or to the best of your knowledge have there been previously, any industrial drums (typically 55 gallon) or sacks of chemicals located on the property or at the facility?	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	if Yes or Unknown, please describe

12)	Are there currently or to the best of your knowledge have there been previously, any evidence of fill dirt having been brought onto the property that originated from a contaminated site or that is of an unknown origin?	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	if Yes or Unknown, please describe

13)	Are there currently or to the best of your knowledge have there been previously, any pits, ponds or lagoons located on the property in connection with waste treatment or waste disposal?	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	if Yes or Unknown, please describe

14)	Are there currently or to the best of your knowledge have there been previously, any sumps, clarifiers, or solvent degreasers on the property?	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	if Yes or Unknown, please describe

15)	Are there currently or to the best of your knowledge have there been previously, any stained soil on the property?	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	if Yes or Unknown, please describe

16)	Are there currently or to the best of your knowledge have there been previously, any storage tanks (above or below ground) located on the property?	
	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	if Yes or Unknown, please describe

17)	Are there currently or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways (etc.) indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	
-----	---	--

Property Owner Interview Questionnaire
 Rincon Project 12-00079 – Gonzales Community Center, Gonzales, California

<input type="checkbox"/> Yes	if Yes or Unknown, please describe
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

18)	If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government agency?
<input type="checkbox"/> Yes	if Yes or Unknown, please describe
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

19)	Are there currently or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water, or are emitting foul odors?
<input type="checkbox"/> Yes	if Yes or Unknown, please describe
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

20)	To the best of your knowledge has your facility previously or does your facility currently, discharge wastewater on or adjacent to the property other than storm water into a sanitary sewer system?
<input type="checkbox"/> Yes	if Yes or Unknown, please describe
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

21)	Have any of the following ever been dumped above grade, buried and/or burned on the property? (please check all that apply and describe if possible)	
<input type="checkbox"/> hazardous substances		NO
<input type="checkbox"/> petroleum products		NO
<input type="checkbox"/> unidentified waste materials		NO
<input type="checkbox"/> tires		NO
<input type="checkbox"/> automotive or industrial batteries		NO
<input type="checkbox"/> other waste materials (please describe)		NO

22)	Are there currently or to the best of your knowledge have there been previously, a transformer, capacitor or any hydraulic equipment on the property?
------------	--

Property Owner Interview Questionnaire
 Rincon Project 12-00079 – Gonzales Community Center, Gonzales, California

<input type="checkbox"/> Yes	if Yes or Unknown, please describe
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

23)	Are there currently or to the best of your knowledge have there been previously any records indicating the presence of PCBs?	
<input type="checkbox"/> Yes	if Yes or Unknown, please describe	
<input checked="" type="checkbox"/> No		
<input type="checkbox"/> Unknown		

24)	Are there currently or to the best of your knowledge have there been previously any records indicating the presence of pesticides or herbicides?	
<input type="checkbox"/> Yes	if Yes or Unknown, please describe	
<input checked="" type="checkbox"/> No		
<input type="checkbox"/> Unknown		

25)	Do you have any environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	
<input type="checkbox"/> Yes	if Yes or Unknown, please describe	
<input checked="" type="checkbox"/> No		
<input type="checkbox"/> Unknown		

26)	Have you been informed of the past or current existence of hazardous substances, petroleum products, or environmental violations with respect to the property or any facility located on the property?	
<input checked="" type="checkbox"/> Yes	if Yes or Unknown, please describe	
<input type="checkbox"/> No	Buildings were found to have lead paint and asbestos materials, which were abated.	
<input type="checkbox"/> Unknown		

27)	Do you have any knowledge of any environmental site assessments of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?	
<input type="checkbox"/> Yes	if Yes or Unknown, please describe	
<input checked="" type="checkbox"/> No		
<input type="checkbox"/> Unknown		

28)	Do you know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release of any hazardous substances or petroleum products involving the property by any owner or occupant of the property?	
-----	---	--

Property Owner Interview Questionnaire
 Rincon Project 12-00079 – Gonzales Community Center, Gonzales, California

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	if Yes or Unknown, please describe
--	------------------------------------

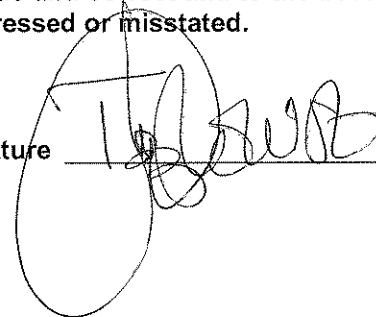
This questionnaire was completed by (please print)	
Name	THOMAS TRUSZKOWSKI
Title	Community Development Director
Firm	City of Gonzales
Street Address	P.O. 647 / 147 Fourth Street
City, State, Zip Code	GONZALES, CA. 93926
Phone Number	831-675-5000
Fax Number	
What is the Preparer's relationship to the property (i.e., owner, occupant, property manager, employee, agent, consultant, etc.) ?	Employee

Copies of the completed questionnaire should be e-mailed (preferably), faxed, or mailed to:

Rincon Consultants, Inc.
 Attn: Jake Lippman
 5355 Avenida Encinas, Suite 103
 Carlsbad, California 92008

Fax: (805) 644-4240
 E-mail: jlippman@rinconconsultants.com

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's knowledge no material facts have been suppressed or misstated.

Signature  Date 6-12-2012

Appendix 2

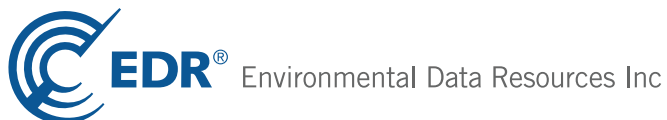
Regulatory Records Documentation

Gonzales

5th Street and Gabilan Court
Gonzales, CA 93926

Inquiry Number: 3340733.2s
June 11, 2012

The EDR Radius Map™ Report with GeoCheck®



440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
 Please contact EDR at 1-800-352-0050
 with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

5TH STREET AND GABILAN COURT
GONZALES, CA 93926

COORDINATES

Latitude (North): 36.5112000 - 36° 30' 40.32"
Longitude (West): 121.4389000 - 121° 26' 20.04"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 639793.1
UTM Y (Meters): 4041581.8
Elevation: 145 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 36121-E4 GONZALES, CA
Most Recent Revision: 1984

South Map: 36121-D4 PALO ESCRITO PEAK, CA
Most Recent Revision: 1984

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 2009, 2010
Source: USDA

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
FEDERAL FACILITY..... Federal Facility Site Information listing

Federal CERCLIS NFRAP site List

CERC-NFRAP..... CERCLIS No Further Remedial Action Planned

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State and tribal leaking storage tank lists

SLIC..... Statewide SLIC Cases
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

UST..... Active UST Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land
FEMA UST..... Underground Storage Tank Listing

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

EXECUTIVE SUMMARY

VCP..... Voluntary Cleanup Program Properties

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
WMUDS/SWAT..... Waste Management Unit Database
SWRCY..... Recycler Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

US CDL..... Clandestine Drug Labs
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program
Toxic Pits..... Toxic Pits Cleanup Act Sites
CDL..... Clandestine Drug Labs
US HIST CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST..... Facility Inventory Database

Local Land Records

LIENS 2..... CERCLA Lien Information
LUCIS..... Land Use Control Information System
LIENS..... Environmental Liens Listing
DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CHMIRS..... California Hazardous Material Incident Report System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing

Other Ascertainable Records

RCRA-NonGen..... RCRA - Non Generators
DOT OPS..... Incident and Accident Data
DOD..... Department of Defense Sites
FUDS..... Formerly Used Defense Sites
CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
UMTRA..... Uranium Mill Tailings Sites
MINES..... Mines Master Index File

EXECUTIVE SUMMARY

TRIS.....	Toxic Chemical Release Inventory System
TSCA.....	Toxic Substances Control Act
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS.....	Section 7 Tracking Systems
ICIS.....	Integrated Compliance Information System
PADS.....	PCB Activity Database System
MLTS.....	Material Licensing Tracking System
RADINFO.....	Radiation Information Database
FINDS.....	Facility Index System/Facility Registry System
RAATS.....	RCRA Administrative Action Tracking System
CA BOND EXP. PLAN.....	Bond Expenditure Plan
NPDES.....	NPDES Permits Listing
UIC.....	UIC Listing
WDS.....	Waste Discharge System
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
Notify 65.....	Proposition 65 Records
DRYCLEANERS.....	Cleaner Facilities
WIP.....	Well Investigation Program Case List
ENF.....	Enforcement Action Listing
HAZNET.....	Facility and Manifest Data
EMI.....	Emissions Inventory Data
INDIAN RESERV.....	Indian Reservations
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
PCB TRANSFORMER.....	PCB Transformer Registration Database
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
EPA WATCH LIST.....	EPA WATCH LIST
2020 CORRECTIVE ACTION.....	2020 Corrective Action Program List
COAL ASH DOE.....	Sleam-Electric Plan Operation Data
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
PROC.....	Certified Processors Database
FINANCIAL ASSURANCE.....	Financial Assurance Information Listing
MWMP.....	Medical Waste Management Program Listing

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/15/2012 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CAMINO CLEANERS WASH & DRY	851 5TH STREET UNIT X	NE 1/8 - 1/4 (0.208 mi.)	6	17
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GONZALES UHSD	501 FIFTH ST	WNW 0 - 1/8 (0.009 mi.)	A1	8
NORCAL / JOHNSON CANYON OPS	31400 JOHNSON CANYON RD W 0 - 1/8 (0.060 mi.)		B3	10

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 05/07/2012 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
D'ARRIGO BROTHERS PROPERTY Status: No Further Action	HEROLD PARKWAY/STATE HISE 1/2 - 1 (0.843 mi.)		13	32
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SEMINIS VEGETABLE SEEDS Status: Inactive - Needs Evaluation	425 ALTA ST	SW 1/4 - 1/2 (0.439 mi.)	8	21

EXECUTIVE SUMMARY

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, and dated 02/20/2012 has revealed that there is 1 SWF/LF site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOHNSON CANYON SANITARY LANDFI	31400 JOHNSON CANYON ROW 0 - 1/8 (0.060 mi.)		B5	13

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 05/09/2012 has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GIL'S TEXACO Status: Completed - Case Closed	100 ALTA ST	SSW 1/4 - 1/2 (0.454 mi.)	9	23
PETE'S SHELL #2	ALTA ST N & HWY 101	WSW 1/4 - 1/2 (0.459 mi.)	C10	27
GONZALES IRRIGATION SYSTEMS Status: Completed - Case Closed	723 ALTA ST	WSW 1/4 - 1/2 (0.470 mi.)	C11	29
GARCIA PROPERTY	800 NORTH ALTA ST.	WSW 1/4 - 1/2 (0.486 mi.)	12	31

State and tribal registered storage tank lists

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the AST list, as provided by EDR, and dated 08/01/2009 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported	501 FIFTH ST	WNW 0 - 1/8 (0.009 mi.)	A2	10

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1

EXECUTIVE SUMMARY

HIST UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>STURDY BULK PLANT</i>	<i>FAHOE RD</i>	<i>NNE 1/8 - 1/4 (0.244 mi.)</i>	<i>7</i>	<i>19</i>

SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>STURDY BULK PLANT</i>	<i>FAHOE RD</i>	<i>NNE 1/8 - 1/4 (0.244 mi.)</i>	<i>7</i>	<i>19</i>

Other Ascertainable Records

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTATES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 4 HIST CORTESE sites within approximately 0.5 miles of the target property.

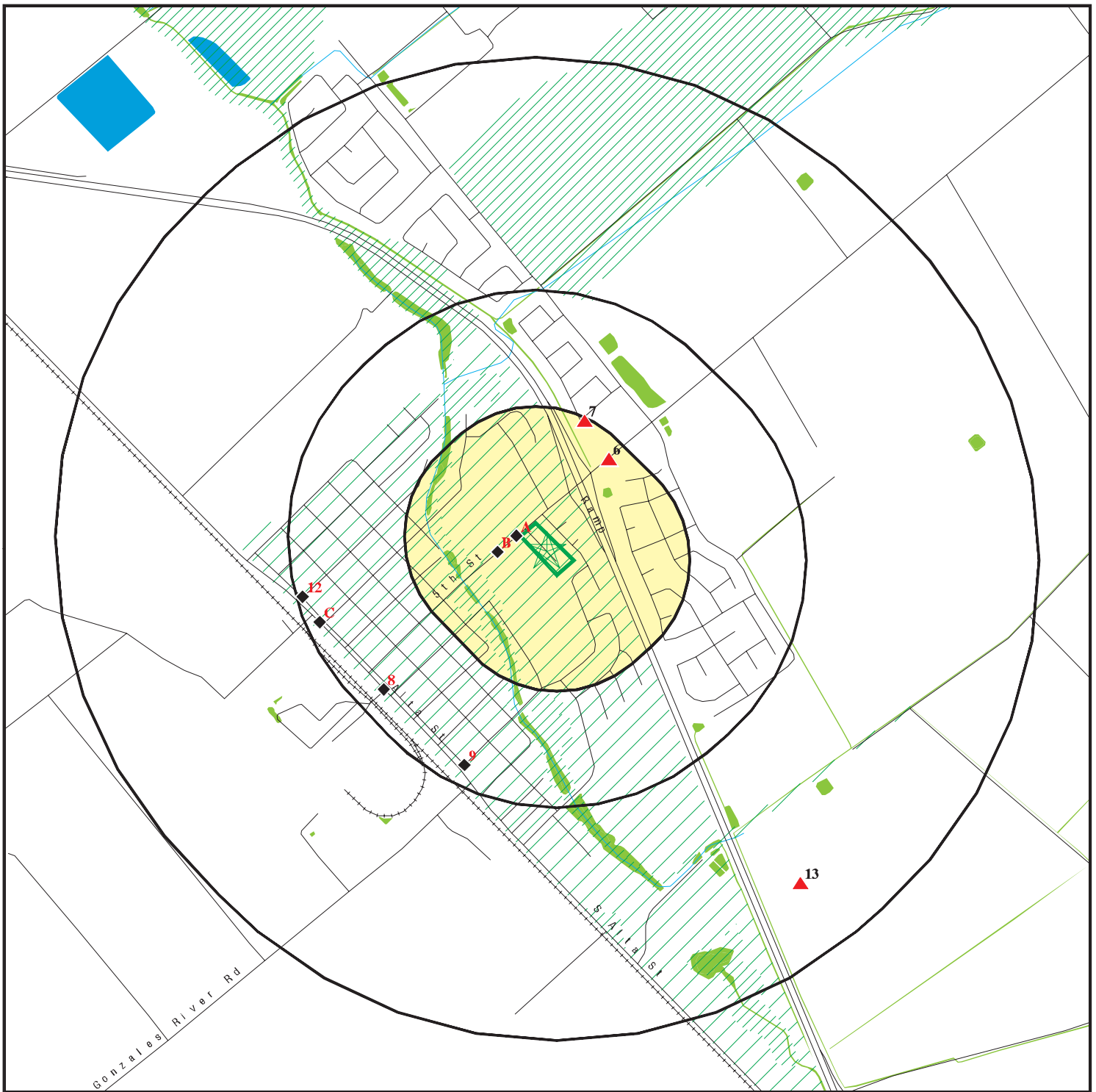
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
JOHNSON CANYON LANDFILL	2 MI E. HWY 101 ON JOHN	W 0 - 1/8 (0.060 mi.)	B4	12
<i>GIL'S TEXACO</i>	<i>100 ALTA ST</i>	<i>SSW 1/4 - 1/2 (0.454 mi.)</i>	<i>9</i>	<i>23</i>
<i>PETE'S SHELL #2</i>	<i>ALTA ST N & HWY 101</i>	<i>WSW 1/4 - 1/2 (0.459 mi.)</i>	<i>C10</i>	<i>27</i>
<i>GONZALES IRRIGATION SYSTEMS</i>	<i>723 ALTA ST</i>	<i>WSW 1/4 - 1/2 (0.470 mi.)</i>	<i>C11</i>	<i>29</i>

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 14 records.

<u>Site Name</u>	<u>Database(s)</u>
2007 GONZALES SLOUGH PARK IMPROVEM	NPDES
GONZALES MACHINE & FORGE WORKS	SWEEPS UST
GONZALES UNION SCHOOL DISTRICT	SWEEPS UST
M.B. FOWLER INC.	SWEEPS UST
GONZALES POTATO COMPANY	SWEEPS UST
PETE'S SHELL #2	LUST
GONZALES POTATO COMPANY	HIST UST
	AST
	AST
CITY OF GONZALES/PUBL WORKS	HAZNET
CITY OF GONZALES	HAZNET
GONZALES UNIFIED SCHOOL DISTRICT	HAZNET
CITY OF GONZALES PUBLIC WORKS	HAZNET
GONZALES WW	WDS

OVERVIEW MAP - 3340733.2s



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites



Indian Reservations BIA

Oil & Gas pipelines from USGS

100-year flood zone

500-year flood zone

National Wetland Inventory

Areas of Concern

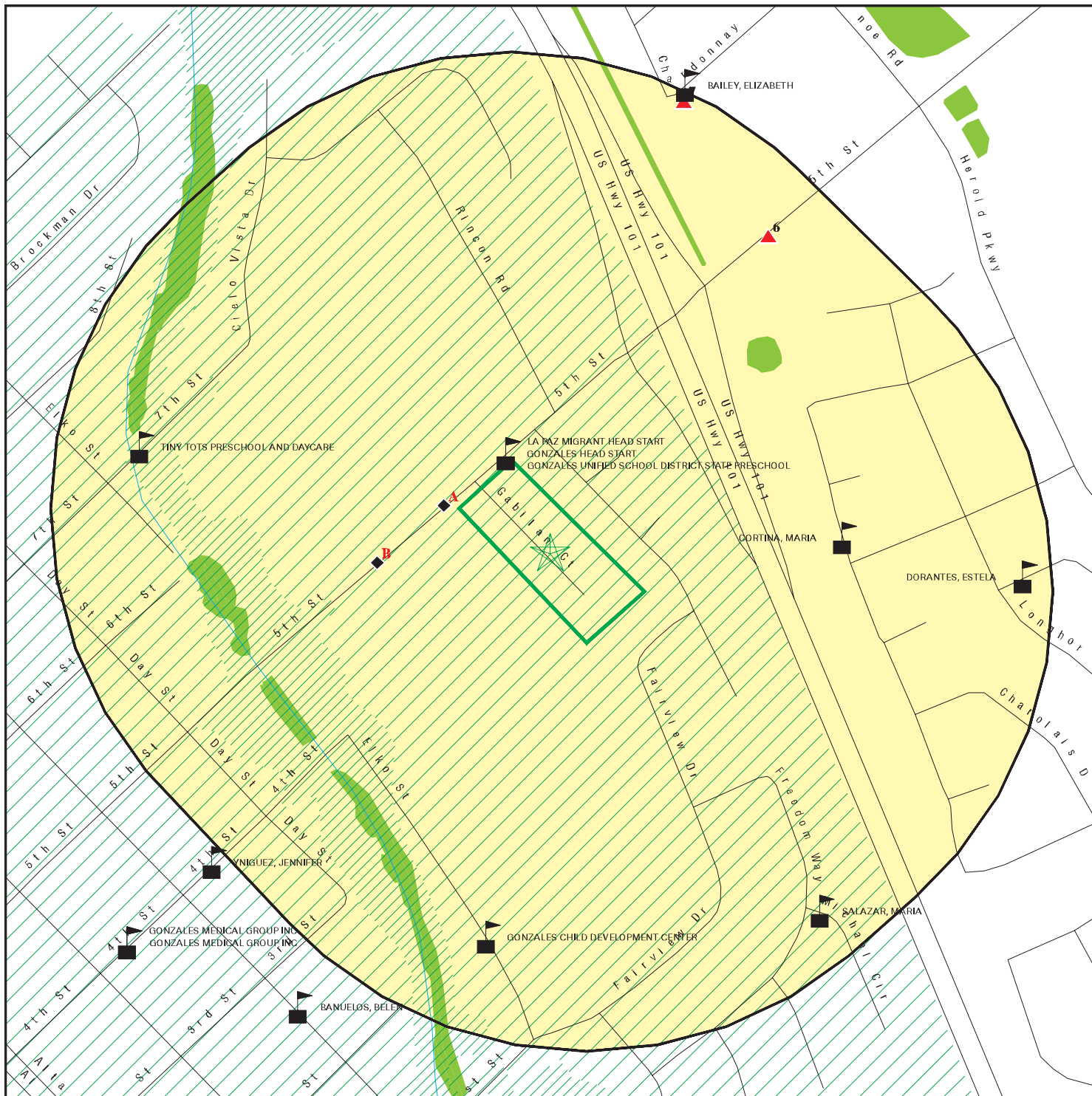









This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.



SITE NAME: Gonzales
 ADDRESS: 5th Street and Gabilan Court
 Gonzales CA 93926
 LAT/LONG: 36.5112 / 121.4389

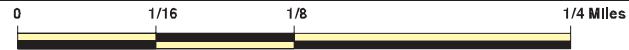
CLIENT: Rincon
 CONTACT: Jake Lippman
 INQUIRY #: 3340733.2s
 DATE: June 11, 2012 5:25 pm

DETAIL MAP - 3340733.2s



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Oil & Gas pipelines from USGS
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  Areas of Concern



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

<p>SITE NAME: Gonzales ADDRESS: 5th Street and Gabilan Court Gonzales CA 93926 LAT/LONG: 36.5112 / 121.4389</p>	<p>CLIENT: Rincon CONTACT: Jake Lippman INQUIRY #: 3340733.2s DATE: June 11, 2012 5:31 pm</p>
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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
CERCLIS	0.500		0	0	0	NR	NR	0
FEDERAL FACILITY	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS NFRAP site List</i>								
CERC-NFRAP	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		2	1	NR	NR	NR	3
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000		0	0	1	1	NR	2
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		1	0	0	NR	NR	1
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	4	NR	NR	4
SLIC	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		1	0	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
FEMA UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
CA FID UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	1	NR	NR	NR	1
SWEEPS UST	0.250		0	1	NR	NR	NR	1
Local Land Records								
LIENS 2	TP		NR	NR	NR	NR	NR	0
LUCIS	0.500		0	0	0	NR	NR	0
LIENS	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
MCS	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA-NonGen	0.250		0	0	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
DOD	1.000		0	0	0	0	NR	0
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
HIST CORTESE	0.500		1	0	3	NR	NR	4
Notify 65	1.000		0	0	0	0	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 CORRECTIVE ACTION	0.250		0	0	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
FINANCIAL ASSURANCE	TP		NR	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants	1.000		0	0	0	0	NR	0
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MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
WNW
< 1/8
0.009 mi.
50 ft.

GONZALES UHSD
501 FIFTH ST
GONZALES, CA 93926

RCRA-SQG 1000443026
FINDS CAD981572464

Site 1 of 2 in cluster A

Relative:
Lower

RCRA-SQG:

Actual:
144 ft.

Date form received by agency: 09/01/1996
Facility name: GONZALES UHSD
Facility address: 501 FIFTH ST
GONZALES, CA 93926
EPA ID: CAD981572464
Mailing address: PO BOX 939
GONZALES, CA 93926
Contact: Not reported
Contact address: Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: District
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: GONZALES UHSD
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: District
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GONZALES UHSD (Continued)

1000443026

Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 10/01/1986
Facility name: GONZALES UHSD
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 02/01/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/01/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002718603

Environmental Interest/Information System

US Geographic Names Information System (GNIS) is the official vehicle for geographic names used by the federal government and the source for applying geographic names to federal maps and other printed and electronic documents.

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

NCES (National Center for Education Statistics) is the primary federal entity for collecting and analyzing data related to education in the United States and other nations and the institute of education sciences.

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GONZALES UHSD (Continued)

1000443026

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

A2
WNW
< 1/8
0.009 mi.
50 ft.

501 FIFTH ST
GONZALES, CA

Site 2 of 2 in cluster A

AST A100323887
N/A

Relative:
Lower

AST:

Owner: GONZALES UNIFIED SCHOOL DISTRICT
 Total Gallons: 10,000
 Certified Unified Program Agencies: Monterey

Actual:
144 ft.

B3
West
< 1/8
0.060 mi.
317 ft.

NORCAL / JOHNSON CANYON OPS
31400 JOHNSON CANYON RD
GONZALES, CA 93926

Site 1 of 3 in cluster B

RCRA-SQG 1004676723
FINDS CAR000088633

Relative:
Lower

RCRA-SQG:

Date form received by agency: 12/18/2000
 Facility name: NORCAL / JOHNSON CANYON OPS
 Facility address: 31400 JOHNSON CANYON RD
 GONZALES, CA 93926
 EPA ID: CAR000088633
 Mailing address: 222 W HOSPITALITY LN
 SAN BERNADINO, CA 92408
 Contact: RON DAERR
 Contact address: 222 W HOSPITALITY LN
 SAN BERNADINO, CA 92408
 Contact country: US
 Contact telephone: (909) 386-8705
 Contact email: Not reported
 EPA Region: 09
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Actual:
140 ft.

Owner/Operator Summary:

Owner/operator name: SALINAS VALLEY SOLID WASTE
 Owner/operator address: 65 W ALISAL ST STE 210
 SALINAS, CA 93901
 Owner/operator country: Not reported
 Owner/operator telephone: (831) 758-7295
 Legal status: Municipal
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORCAL / JOHNSON CANYON OPS (Continued)

1004676723

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D000
Waste name: Not Defined

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D007
Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D018
Waste name: BENZENE

Waste code: F001
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110012694307

Environmental Interest/Information System
AFS (Aerometric Information Retrieval System (AIRS) Facility

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NORCAL / JOHNSON CANYON OPS (Continued)

1004676723

Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CASWIS (California Solid Waste Integrating System). California's solid waste facility list that contains information on solid waste facilities, operations, and open and closed disposal sites throughout the state.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

GREENHOUSE GAS REPORTER

B4
West
< 1/8
0.060 mi.
317 ft.

JOHNSON CANYON LANDFILL
2 MI E. HWY 101 ON JOHNSO
GONZALES, CA

HIST CORTESE **S105023945**
N/A

Site 2 of 3 in cluster B

Relative:
Lower

CORTESE:
Region: CORTESE
Facility County Code: 27
Reg By: WB-LF
Reg Id: 27-AA-0005

Actual:
140 ft.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

B5
West
< 1/8
0.060 mi.
317 ft.

JOHNSON CANYON SANITARY LANDFILL
31400 JOHNSON CANYON ROAD
GONZALES, CA

SWF/LF **S100943879**
NPDES **N/A**
LDS
HAZNET
FINANCIAL ASSURANCE

Relative:
Lower

SWF/LF (SWIS):

Actual:
140 ft.

Region: STATE
 Facility ID: 27-AA-0005
 Lat/Long: 36.5316699 / -121.40667
 Owner Name: Salinas Valley Solid Waste Authority
 Owner Telephone: 8317551300
 Owner Address: 337 Melody Lane
 Owner Address2: P O Box 2159
 Owner City,St,Zip: Salinas, CA 93901-2159
 Operator: Salinas Valley Solid Waste Authority
 Operator Phone: 8317551300
 Operator Address: 337 Melody Lane
 Operator Address2: P O Box 2159
 Operator City,St,Zip: Salinas, CA 93901-2159
 Operator's Status: Active
 Permit Date: 02/01/2008
 Permit Status: Permitted
 Permitted Acreage: 163
 Activity: Solid Waste Landfill
 Regulation Status: Permitted
 Landuse Name: Range Land,Agricultural
 GIS Source: Map
 Category: Disposal
 Unit Number: 01
 Inspection Frequency: Monthly
 Accepted Waste: Agricultural,Construction/demolition,Sludge (BioSolids),Tires
 Closure Date: 12/21/2040
 Closure Type: Estimated
 Disposal Acreage: 96.3
 SWIS Num: 27-AA-0005
 Waste Discharge Requirement Num: III
 Program Type: BOE Reporting Disposal Facility,Composite_Lined_LF_Cell(s),Financial Assurance Responsibilities,Remaining Capacity Landfill,Treated Wood Waste Acceptance
 Permitted Throughput with Units: 1574
 Actual Throughput with Units: Tons/day
 Permitted Capacity with Units: 13834328
 Remaining Capacity: 6923297
 Remaining Capacity with Units: Cubic Yards

NPDES:

Npdes Number: CAS000001
 Facility Status: Active
 Agency Id: 0
 Region: 3
 Regulatory Measure Id: 185204
 Order No: 97-03-DWQ
 Regulatory Measure Type: Enrollee
 Place Id: Not reported
 WDID: 3 27I013452
 Program Type: Industrial
 Adoption Date Of Regulatory Measure: Not reported
 Effective Date Of Regulatory Measure: 10/08/1997

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON CANYON SANITARY LANDFILL (Continued)

S100943879

Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Salinas Valley Solid Waste Authority
Discharge Address: 128 Sun Street
Discharge City: Salinas
Discharge State: California
Discharge Zip: 93901

LDS:

Global Id: L10004488988
Latitude: 36.5306743323896
Longitude: -121.406779289246
Case Type: Land Disposal Site
Status: Open
Status Date: 04/22/2009
Lead Agency: CENTRAL COAST RWQCB (REGION 3)
Caseworker: MF
Local Agency: Not reported
RB Case Number: 3 270300007
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

HAZNET:

Year: 2000
Gepaid: CAL000029600
Contact: ROSSI AL
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 31400 JOHNSON CANYON RD
Mailing City,St,Zip: GONZALES, CA 939269400
Gen County: Monterey
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Waste oil and mixed oil
Disposal Method: R01
Tons: 2.6271
Facility County: Monterey

Year: 1999
Gepaid: CAL000029600
Contact: ROSSI AL
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 31400 JOHNSON CANYON RD
Mailing City,St,Zip: GONZALES, CA 939269400
Gen County: Monterey
TSD EPA ID: CAD982446874
TSD County: Yolo
Waste Category: Aqueous solution with total organic residues less than 10 percent

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON CANYON SANITARY LANDFILL (Continued)

S100943879

Disposal Method: H01
Tons: 0.417
Facility County: Monterey

Year: 1996
Gepaid: CAL000029600
Contact: ROSSI AL
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 31400 JOHNSON CANYON RD
Mailing City,St,Zip: GONZALES, CA 939269400
Gen County: Monterey
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01
Tons: .2293
Facility County: Monterey

Year: 1994
Gepaid: CAL000029600
Contact: ROSSI AL
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 31400 JOHNSON CANYON RD
Mailing City,St,Zip: GONZALES, CA 939269400
Gen County: Monterey
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01
Tons: .2085
Facility County: Monterey

Year: 1993
Gepaid: CAL000029600
Contact: ROSSI AL
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 31400 JOHNSON CANYON RD
Mailing City,St,Zip: GONZALES, CA 939269400
Gen County: Monterey
TSD EPA ID: CAD980887418
TSD County: 1
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: H01
Tons: .2502
Facility County: Monterey

[Click this hyperlink](#) while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

CA FINANCIAL ASSURANCE 2:

Region: 2
Id Number: 27-AA-0005
SWIS_NO: 27-AA-0005
Closure Approved: Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

JOHNSON CANYON SANITARY LANDFILL (Continued)

S100943879

Closure Inf Coverage Date:	06/01/2007
Closure Plan Coverage:	7949774
Closure Plan Date:	09/01/2007
PostClose Approved:	Yes
PostClose Adequacy Date:	09/01/2007
PostClose Inf Coverage:	2237320
PostClose Inf Coverage Date:	06/01/2007
CorActCoverage:	0
CorActApproved:	No
CorAct Mec Adequacy Date:	Not reported
CorAct Inf Coverage:	0
CorActPlanCoverage:	0
CorAct Plan Date:	Not reported
Lia Coverage:	4000000
Lia Approved:	Yes
Review:	01/30/2001
Closure Mechanism A:	ENTERPRISE FUND
Closure Mechanism B:	Not reported
Closure Coverage:	7261321
Closure Adequacy:	Not reported
Closure Approved:	Yes
Closure Inflation Estimate:	7261321
Closure Inflation Date:	06/01/2007
Closure Plan Coverage:	7949774
Closure Plan Date:	09/01/2007
Post Closure Mechanism A:	PLEDGE OF REVENUE
Post Closure Established A:	06/30/1998
Post Closure Mechanism B:	Not reported
Post Closure Coverate:	2237320
Post Closure Adequacy:	Not reported
Post Closure Approved:	Yes
Post Close Inflation Estimate:	2237320
Post Closure Inflation Date:	06/01/2007
Post Closure Plan Date:	09/01/2007
Corrective Action Extablished A:	Not reported
Corrective Action Coverage:	0
Corrective Action Adequacy:	Not reported
Corrective Action Approved:	No
Corrective Action Inflation Estimate:	0
Corrective Action Inflationdate:	Not reported
Corrective Action Plan Estimate:	0
Corrective Action Plan Date:	Not reported
Liability Mechanism A:	INSURANCE
Liability Established A:	09/17/1998
Liability Mechanism B:	Not reported
Liability Coverage:	4000000
CostAnniversary:	05/01/1999
ClosureEstablishedA:	06/30/1998
ClosureEstablishedB:	Not reported
ClosureDisbursement:	0
PostClosureEstablishedB:	Not reported
PostClosureDisbursement:	0
CorrectiveActionMechanismA:	Not reported
CorrectiveActionMechanismB:	Not reported
CorrectiveActionExtablishedB:	Not reported
CorrectiveActionDisbursement:	0
LiabilityEstablishedB:	Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

JOHNSON CANYON SANITARY LANDFILL (Continued)

S100943879

Liability Adequacy: Not reported
 Liability Approved: Yes

**6
 NE
 1/8-1/4
 0.208 mi.
 1099 ft.**

**CAMINO CLEANERS WASH & DRY
 851 5TH STREET UNIT X
 GONZALES, CA 93926**

**RCRA-SQG
 FINDS
 HAZNET**

**1000597613
 CAD983616301**

**Relative:
 Higher**

RCRA-SQG:

Date form received by agency: 01/20/1992
 Facility name: CAMINO CLEANERS
 Facility address: 851 5TH ST SPACE X
 GONZALES, CA 93926
 EPA ID: CAD983616301
 Contact: NELLIE NARANJO
 Contact address: 851 FIFTH ST SPACE X
 GONZALES, CA 93901
 Contact country: US
 Contact telephone: (408) 675-3339
 Contact email: Not reported
 EPA Region: 09
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Actual:
 157 ft.**

Owner/Operator Summary:

Owner/operator name: RALPH SERRANO
 Owner/operator address: 851 5TH ST SPACE X
 GONZALES, CA 93901
 Owner/operator country: Not reported
 Owner/operator telephone: (408) 675-3339
 Legal status: Private
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMINO CLEANERS WASH & DRY (Continued)

1000597613

Violation Status: No violations found

FINDS:

Registry ID: 110006482822

Environmental Interest/Information System

The NEI (National Emissions Inventory) database contains information on stationary and mobile sources that emit criteria air pollutants and their precursors, as well as hazardous air pollutants (HAPs).

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

HAZNET:

Year: 1999
Gepaid: CAD983616301
Contact: RALPH SERRANO
Telephone: 4086753339
Mailing Name: Not reported
Mailing Address: 428 CAYUGA ST
Mailing City,St,Zip: SALINAS, CA 939019437
Gen County: Monterey
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01
Tons: 0.0975
Facility County: Monterey

Year: 1998
Gepaid: CAD983616301
Contact: RALPH SERRANO
Telephone: 4086753339
Mailing Name: Not reported
Mailing Address: 428 CAYUGA ST
Mailing City,St,Zip: SALINAS, CA 939019437
Gen County: Monterey
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01
Tons: .3900
Facility County: Monterey

Year: 1997
Gepaid: CAD983616301
Contact: RALPH SERRANO
Telephone: 4086753339
Mailing Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMINO CLEANERS WASH & DRY (Continued)

1000597613

Mailing Address: 428 CAYUGA ST
Mailing City,St,Zip: SALINAS, CA 939019437
Gen County: Monterey
TSD EPA ID: CA0000084517
TSD County: Sacramento
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01
Tons: .8775
Facility County: Monterey

Year: 1996
Gepaid: CAD983616301
Contact: RALPH SERRANO
Telephone: 4086753339
Mailing Name: Not reported
Mailing Address: 428 CAYUGA ST
Mailing City,St,Zip: SALINAS, CA 939019437
Gen County: Monterey
TSD EPA ID: CAO000084517
TSD County: 0
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01
Tons: .1950
Facility County: Monterey

Year: 1995
Gepaid: CAD983616301
Contact: RALPH SERRANO
Telephone: 4086753339
Mailing Name: Not reported
Mailing Address: 428 CAYUGA ST
Mailing City,St,Zip: SALINAS, CA 939019437
Gen County: Monterey
TSD EPA ID: CAT000613950
TSD County: Sacramento
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: H01
Tons: .4875
Facility County: Monterey

[Click this hyperlink](#) while viewing on your computer to access
5 additional CA_HAZNET: record(s) in the EDR Site Report.

7
NNE
1/8-1/4
0.244 mi.
1286 ft.

**STURDY BULK PLANT
FAHOE RD
GONZALES, CA 93926**

**HIST UST U001593513
SWEEPS UST N/A**

**Relative:
Higher**

HIST UST:
Region: STATE
Facility ID: 00000030450
Facility Type: Other
Other Type: BULK PLANT
Total Tanks: 0002
Contact Name: DON HENRY
Telephone: 4084228801
Owner Name: STURDY OIL CO.

**Actual:
156 ft.**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STURDY BULK PLANT (Continued)

U001593513

Owner Address: 1511 ABBOTT STREET
Owner City,St,Zip: SALINAS, CA 93901

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Tank Construction: Not reported
Leak Detection: Stock Inventor, 10

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Tank Construction: Not reported
Leak Detection: Stock Inventor, 10

SWEEPS UST:

Status: A
Comp Number: 30450
Number: 9
Board Of Equalization: 44-014917
Ref Date: 07-01-85
Act Date: Not reported
Created Date: 07-31-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 27-000-030450-000001
Actv Date: 07-01-85
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: LEADED
Number Of Tanks: 2

Status: A
Comp Number: 30450
Number: 9
Board Of Equalization: 44-014917
Ref Date: 07-01-85
Act Date: Not reported
Created Date: 07-31-88
Tank Status: A
Owner Tank Id: 1
Swrcb Tank Id: 27-000-030450-000002
Actv Date: 07-01-85
Capacity: 6000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

8
SW
1/4-1/2
0.439 mi.
2319 ft.

SEMINIS VEGETABLE SEEDS
425 ALTA ST
GONZALES, CA 93926

HAZNET S103658982
ENVIROSTOR N/A

Relative:
Lower

HAZNET:

Year: 2009
Gepaid: CAC002648659
Contact: ANTONIO TRUJILLO
Telephone: 8319020013
Mailing Name: Not reported
Mailing Address: PO BOX 183
Mailing City,St,Zip: SAN JUAN BAUTISTA, CA 950450183
Gen County: Monterey
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Pesticides and other waste associated with pesticide production
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)
Tons: 0.0125
Facility County: Monterey

Actual:
134 ft.

Year: 2009
Gepaid: CAC002648659
Contact: ANTONIO TRUJILLO
Telephone: 8319020013
Mailing Name: Not reported
Mailing Address: PO BOX 183
Mailing City,St,Zip: SAN JUAN BAUTISTA, CA 950450183
Gen County: Monterey
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Off-specification, aged or surplus inorganics
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)
Tons: 0.2925
Facility County: Monterey

Year: 2009
Gepaid: CAC002648659
Contact: ANTONIO TRUJILLO
Telephone: 8319020013
Mailing Name: Not reported
Mailing Address: PO BOX 183
Mailing City,St,Zip: SAN JUAN BAUTISTA, CA 950450183
Gen County: Monterey
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Waste Category: Not reported
Disposal Method: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)
Tons: 0.45
Facility County: Monterey

Year: 2001
Gepaid: CAD981164163
Contact: PETE SCHLAGETER
Telephone: 8317574367

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEMINIS VEGETABLE SEEDS (Continued)

S103658982

Mailing Name: Not reported
Mailing Address: 2700 CAMINO DEL SOL
Mailing City,St,Zip: OXNARD, CA 93030
Gen County: Monterey
TSD EPA ID: Not reported
TSD County: Los Angeles
Waste Category: Unspecified alkaline solution
Disposal Method: D80
Tons: 0.08
Facility County: Not reported

Year: 2001
Gepaid: CAD981164163
Contact: PETE SCHLAGETER
Telephone: 8317574367
Mailing Name: Not reported
Mailing Address: 2700 CAMINO DEL SOL
Mailing City,St,Zip: OXNARD, CA 93030
Gen County: Monterey
TSD EPA ID: Not reported
TSD County: Not reported
Waste Category: Contaminated soil from site clean-up
Disposal Method: D80
Tons: 10.96
Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access 30 additional CA_HAZNET: record(s) in the EDR Site Report.

ENVIROSTOR:

Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Berkeley
Facility ID: 71002726
Site Code: Not reported
Assembly: 30
Senate: 12
Special Program: Not reported
Status: Inactive - Needs Evaluation
Status Date: Not reported
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: Not reported
Latitude: 36.50663
Longitude: -121.4446
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD981164163

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SEMINIS VEGETABLE SEEDS (Continued)

S103658982

Alias Type: EPA Identification Number
Alias Name: 71002726
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

9
SSW
1/4-1/2
0.454 mi.
2398 ft.

GIL'S TEXACO
100 ALTA ST
GONZALES, CA 93926

HIST CORTESE **S100224797**
LUST **N/A**
SWEEPS UST

Relative:
Lower

CORTESE:
Region: CORTESE
Facility County Code: 27
Reg By: LTNKA
Reg Id: 671

Actual:
134 ft.

LUST:

Region: STATE
Global Id: T0605300356
Latitude: 36.5044139
Longitude: -121.4420126
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/31/2006
Lead Agency: CENTRAL COAST RWQCB (REGION 3)
Case Worker: JWG
Local Agency: MONTEREY COUNTY
RB Case Number: 671
LOC Case Number: Not reported
File Location: State Records Center
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id: T0605300356
Contact Type: Local Agency Caseworker
Contact Name: CORY WELCH
Organization Name: MONTEREY COUNTY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GIL'S TEXACO (Continued)

S100224797

Address: 1270 NATIVIDAD ROAD, RM 301
City: SALINAS
Email: welchc@co.monterey.ca.us
Phone Number: 8317554570

Global Id: T0605300356
Contact Type: Regional Board Caseworker
Contact Name: JOHN GONI
Organization Name: CENTRAL COAST RWQCB (REGION 3)
Address: 895 AEROVISTA PL, SUITE 101
City: SAN LUIS OBISPO
Email: jgoni@waterboards.ca.gov
Phone Number: Not reported

LUST:

Global Id: T0605300356
Action Type: RESPONSE
Date: 07/20/2005
Action: Monitoring Report - Quarterly

Global Id: T0605300356
Action Type: ENFORCEMENT
Date: 05/17/2006
Action: 13267 Requirement

Global Id: T0605300356
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0605300356
Action Type: RESPONSE
Date: 10/20/2006
Action: Unknown

Global Id: T0605300356
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Global Id: T0605300356
Action Type: ENFORCEMENT
Date: 02/13/2003
Action: Staff Letter

Global Id: T0605300356
Action Type: RESPONSE
Date: 07/20/2002
Action: Monitoring Report - Quarterly

Global Id: T0605300356
Action Type: RESPONSE
Date: 01/20/2003
Action: Monitoring Report - Quarterly

Global Id: T0605300356
Action Type: ENFORCEMENT

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GIL'S TEXACO (Continued)

S100224797

Date: 10/01/2004
Action: Staff Letter

Global Id: T0605300356
Action Type: RESPONSE
Date: 08/20/2004
Action: Monitoring Report - Quarterly

Global Id: T0605300356
Action Type: RESPONSE
Date: 04/20/2003
Action: Preliminary Site Assessment Workplan

Global Id: T0605300356
Action Type: RESPONSE
Date: 07/20/2004
Action: Monitoring Report - Quarterly

Global Id: T0605300356
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0605300356
Action Type: RESPONSE
Date: 05/20/2005
Action: Unknown

Global Id: T0605300356
Action Type: ENFORCEMENT
Date: 10/31/2006
Action: Closure/No Further Action Letter

Global Id: T0605300356
Action Type: ENFORCEMENT
Date: 09/27/1999
Action: Staff Letter

Global Id: T0605300356
Action Type: ENFORCEMENT
Date: 07/19/2005
Action: Site Visit / Inspection / Sampling

LUST REG 3:

Region: 3
Regional Board: Central Coast Region
Facility County: Monterey
Status: Post remedial action monitoring
Case Number: 671
Local Case Num: Not reported
Case Type: O
Substance: Gasoline
Quantity: Not reported
Abatement Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Remove Free Product - remove fl
Global ID: T0605300356
Leak Source: Tank

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GIL'S TEXACO (Continued)

S100224797

Leak Cause: Corrosion
How Stopped: Not reported
How Discovered: Tank Closure
Release Date: 07/10/1987
Discovered Date: 7/9/87
Enter Date: 07/20/1987
Stop Date: 7/7/87
Review Date: 03/14/2000
Enforce Date: Not reported
Close Date: Not reported
Enforcement Type: LET
Responsible Party: GEORGE GUNDERSEN
RP Address: C/O 10755 COUNTRY MEADOWS RD
Contact: Not reported
Cross Street: FIRST
Local Agency: 27000
Lead Agency: Regional Board
Staff Initials: JWG
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: 10/10/1998
Remedial Plan: Not reported
Remedial Action: Not reported
Monitoring: 08/31/1999
Pilot Program: UST
Interim Action: -
Funding: Not reported
MTBE Class: B
Max MTBE Grnd Wtr: 40
Max MTBE Soil: Not reported
Max MTBE Data: 11/08/2001
MTBE Tested: YES
Lat/Long: 36.5044139 / -121.4420126
Soil Qualifier: Not reported
Grnd Wtr Qualifier: =
Mtbe Concentratn: 8
Mtbe Fuel: 1
Org Name: Not reported
Basin Plan: 9.20
Beneficial: MUN
Priority: 3A3
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Distance From Well: 0
Assigned Name: Not reported
Summary: Not reported

SWEEPS UST:

Status: Not reported
Comp Number: 3259
Number: Not reported
Board Of Equalization: 44-014747
Ref Date: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

GIL'S TEXACO (Continued)

S100224797

Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 27-000-003259-000001
 Actv Date: Not reported
 Capacity: 10000
 Tank Use: EMPTY
 Stg: PRODUCT
 Content: REGULAR UNLEADED
 Number Of Tanks: 2

Status: Not reported
 Comp Number: 3259
 Number: Not reported
 Board Of Equalization: 44-014747
 Ref Date: Not reported
 Act Date: Not reported
 Created Date: Not reported
 Tank Status: Not reported
 Owner Tank Id: Not reported
 Swrcb Tank Id: 27-000-003259-000002
 Actv Date: Not reported
 Capacity: 2000
 Tank Use: M.V. FUEL
 Stg: PRODUCT
 Content: LEADED
 Number Of Tanks: Not reported

C10
WSW
1/4-1/2
0.459 mi.
2425 ft.

PETE'S SHELL #2
ALTA ST N & HWY 101
GONZALES, CA 93926
Site 1 of 2 in cluster C

HIST CORTESE **S102435123**
LUST **N/A**

Relative:
Lower

CORTESE:
 Region: CORTESE
 Facility County Code: 27
 Reg By: LTNKA
 Reg Id: 670

Actual:
131 ft.

LUST REG 3:
 Region: 3
 Regional Board: Central Coast Region
 Facility County: Monterey
 Status: Post remedial action monitoring
 Case Number: 670
 Local Case Num: Not reported
 Case Type: O
 Substance: Gasoline
 Quantity: Not reported
 Abatement Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Remove Free Product - remove fl
 Global ID: T0605300355
 Leak Source: Tank
 Leak Cause: Structure Failure
 How Stopped: Not reported
 How Discovered: Inventory Control

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PETE'S SHELL #2 (Continued)

S102435123

Release Date: 09/22/1987
Discovered Date: 9/9/87
Enter Date: 10/09/1987
Stop Date: 9/9/87
Review Date: 09/14/1998
Enforce Date: Not reported
Close Date: Not reported
Enforcement Type: Not reported
Responsible Party: PETE PEREZ
RP Address: PO BOX 116
Contact: Not reported
Cross Street: Not reported
Local Agency: 27000
Lead Agency: Regional Board
Staff Initials: JWG
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: 12/28/1987
Remedial Plan: Not reported
Remedial Action: 10/2/87
Monitoring: 02/03/1997
Pilot Program: UST
Interim Action: 0
Funding: Not reported
MTBE Class: *
Max MTBE Grnd Wtr: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /
MTBE Tested: YES
Lat/Long: 36.5160259 / -121.4374721
Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtbe Concentratn: 1
Mtbe Fuel: 1
Org Name: Not reported
Basin Plan: 9.20
Beneficial: Not reported
Priority: 3A3
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: CORDA RD WS
Well Name: LPA REPORTED PRIMARY SOURCE
Distance From Well: 0
Assigned Name: 2701820-001GEN
Summary: WAITING FOR WELL CLOSURE CERTIFICATION TO CLOSE CASE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C11 **GONZALES IRRIGATION SYSTEMS**
WSW **723 ALTA ST**
1/4-1/2 **GONZALES, CA 93926**
0.470 mi.
2479 ft. **Site 2 of 2 in cluster C**

HIST CORTESE **S102430852**
LUST **N/A**

Relative: **CORTESE:**
Lower Region: **CORTESE**
Facility County Code: **27**
Actual: Reg By: **LTNKA**
131 ft. Reg Id: **2082**

LUST:
Region: **STATE**
Global Id: **T0605300061**
Latitude: **36.4992262**
Longitude: **-121.4364254**
Case Type: **LUST Cleanup Site**
Status: **Completed - Case Closed**
Status Date: **04/23/1993**
Lead Agency: **MONTEREY COUNTY**
Case Worker: **CLW**
Local Agency: **MONTEREY COUNTY**
RB Case Number: **2082**
LOC Case Number: **Not reported**
File Location: **Not reported**
Potential Media Affect: **Soil**
Potential Contaminants of Concern: **Gasoline**
Site History: **Not reported**

[Click here to access the California GeoTracker records for this facility:](#)

LUST:
Global Id: **T0605300061**
Contact Type: **Regional Board Caseworker**
Contact Name: **JOHN GONI**
Organization Name: **CENTRAL COAST RWQCB (REGION 3)**
Address: **895 AEROVISTA PL, SUITE 101**
City: **SAN LUIS OBISPO**
Email: **jgoni@waterboards.ca.gov**
Phone Number: **Not reported**

Global Id: **T0605300061**
Contact Type: **Local Agency Caseworker**
Contact Name: **CORY WELCH**
Organization Name: **MONTEREY COUNTY**
Address: **1270 NATIVIDAD ROAD, RM 301**
City: **SALINAS**
Email: **welhc@co.monterey.ca.us**
Phone Number: **8317554570**

LUST:
Global Id: **T0605300061**
Action Type: **Other**
Date: **01/01/1950**
Action: **Leak Reported**

Global Id: **T0605300061**
Action Type: **Other**

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GONZALES IRRIGATION SYSTEMS (Continued)

S102430852

Date: 01/01/1950
Action: Leak Discovery

LUST REG 3:

Region: 3
Regional Board: Central Coast Region
Facility County: Monterey
Status: Case Closed
Case Number: 2082
Local Case Num: Not reported
Case Type: S
Substance: Gasoline
Quantity: Not reported
Abatement Method: U
Global ID: T0605300061
Leak Source: Tank
Leak Cause: Structure Failure
How Stopped: Not reported
How Discovered: Tank Closure
Release Date: 02/03/1992
Discovered Date: 1/12/92
Enter Date: 02/11/1992
Stop Date: Not reported
Review Date: 02/11/1992
Enforce Date: Not reported
Close Date: 4/23/93
Enforcement Type: Not reported
Responsible Party: Not reported
RP Address: Not reported
Contact: Not reported
Cross Street: Not reported
Local Agency: 27000
Lead Agency: Local Agency
Staff Initials: JWG
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: / /
Remedial Plan: Not reported
Remedial Action: Not reported
Monitoring: / /
Pilot Program: UST
Interim Action: 0
Funding: Not reported
MTBE Class: *
Max MTBE Grnd Wtr: Not reported
Max MTBE Soil: Not reported
Max MTBE Data: / /
MTBE Tested: NT
Lat/Long: 36.5086139 / -121.4485126
Soil Qualifier: Not reported
Grnd Wtr Qualifier: Not reported
Mtbe Concentratn: 0
Mtbe Fuel: 1
Org Name: Not reported
Basin Plan: 9.20

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GONZALES IRRIGATION SYSTEMS (Continued)

S102430852

Beneficial: Not reported
Priority: 0
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: HENERY HOFFMAN COMPANY
Well Name: LPA REPORTED PRIMARY SOURCE
Distance From Well: 0
Assigned Name: 2701105-001GEN
Summary: DURING THE REMOVAL OF A 1000 GALLON GASOLINE TANK CONTAMINATED SOIL
WAS DISCOVERED TO A DEPTH OF 8-10FT. NO REMEDIATION ON
SITE. SOIL DISPOSED.

12
WSW
1/4-1/2
0.486 mi.
2567 ft.

**GARCIA PROPERTY
800 NORTH ALTA ST.
GONZALES, CA 93926**

**LUST S105051289
N/A**

**Relative:
Lower**

LUST REG 3:

**Actual:
131 ft.**

Region: 3
Regional Board: Central Coast Region
Facility County: Monterey
Status: Remediation Plan
Case Number: 13
Local Case Num: Not reported
Case Type: A
Substance: Gasoline
Quantity: Not reported
Abatement Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Global ID: T0605300028
Leak Source: UNK
Leak Cause: Overfill
How Stopped: Not reported
How Discovered: OM
Release Date: 02/17/1989
Discovered Date: 6/2/88
Enter Date: 04/12/1989
Stop Date: Not reported
Review Date: 08/21/2001
Enforce Date: Not reported
Close Date: Not reported
Enforcement Type: Not reported
Responsible Party: SAME
RP Address: PO BOX 525
Contact: Not reported
Cross Street: HIGHWAY 101
Local Agency: 27000
Lead Agency: Regional Board
Staff Initials: JWG
Confirm Leak: Not reported
Workplan: Not reported
Prelim Assess: Not reported
Pollution Char: 03/24/1992
Remedial Plan: 9/12/01
Remedial Action: Not reported
Monitoring: / /
Pilot Program: UST

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GARCIA PROPERTY (Continued)

S105051289

Interim Action: -
Funding: Not reported
MTBE Class: D
Max MTBE Grnd Wtr: 2.2
Max MTBE Soil: Not reported
Max MTBE Data: 04/28/2001
MTBE Tested: YES
Lat/Long: 36.5160259 / -121.4374721
Soil Qualifier: Not reported
Grnd Wtr Qualifier: =
Mtbe Concentratn: 2
Mtbe Fuel: 1
Org Name: Not reported
Basin Plan: 9.20
Beneficial: Not reported
Priority: 3A3
UST Cleanup Fund ID: Not reported
Suspended: Not reported
Operator: Not reported
Water System: CORDA RD WS
Well Name: LPA REPORTED PRIMARY SOURCE
Distance From Well: 0
Assigned Name: 2701820-001GEN
Summary: GROUNDWATER CONTAMINATION VERIFIED BY BORING SEE REPORT TO RWQCB

13
SE
1/2-1
0.843 mi.
4453 ft.

**D'ARRIGO BROTHERS PROPERTY
HEROLD PARKWAY/STATE HIGHWAY 101
GONZALES, CA 93926**

**SCH S105754250
ENVIROSTOR N/A**

**Relative:
Higher**

SCH:

**Actual:
157 ft.**

Facility ID: 27010010
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 14.4
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Mitigation And Brownfield Reuse Program
Project Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Northern California Schools & Santa Susana
Site Code: 204112
Assembly: 30
Senate: 12
Special Program Status: Not reported
Status: No Further Action
Status Date: 12/14/2006
Restricted Use: NO
Funding: School District
Latitude: 36.50628
Longitude: -121.4304
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: , 30001, 30006, 30007, 30008, 40002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D'ARRIGO BROTHERS PROPERTY (Continued)

S105754250

Confirmed COC: 40002-NO,30001-NO,30006-NO,30007-NO,30008-NO,31000
Potential Description: SOIL
Alias Name: D'ARRIGO BROTHERS PROPERTY
Alias Type: Alternate Name
Alias Name: GONZALES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: GONZALES USD-D'ARRIGO BROTHERS PROPERTY
Alias Type: Alternate Name
Alias Name: 204112
Alias Type: Project Code (Site Code)
Alias Name: 27010010
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/13/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 01/17/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 02/27/2004
Comments: Previous CRU could not be located, had to be redone & sent to cost recovery. Uploaded under final letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 01/27/2003
Comments: DTSC entered into an Environmental Oversight Agreement (Docket No. HSA-A 02/03-088) with the Gonzales Unified School District to provide oversight for a Preliminary Endangerment Assessment for this proposed school site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/18/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 01/17/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 10/02/2006

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D'ARRIGO BROTHERS PROPERTY (Continued)

S105754250

Comments: DTSC approved the SSI WP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 12/14/2006
Comments: DTSC approved the SSI Report with a no further action determination.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Site Type: School Investigation
Site Type Detailed: School
Acres: 14.4
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Northern California Schools & Santa Susana
Facility ID: 27010010
Site Code: 204112
Assembly: 30
Senate: 12
Special Program: Not reported
Status: No Further Action
Status Date: 12/14/2006
Restricted Use: NO
Site Mgmt. Req.: NONE SPECIFIED
Funding: School District
Latitude: 36.50628
Longitude: -121.4304
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: , 30001, 30006, 30007, 30008, 40002
Confirmed COC: 40002-NO,30001-NO,30006-NO,30007-NO,30008-NO,31000
Potential Description: SOIL
Alias Name: D'ARRIGO BROTHERS PROPERTY
Alias Type: Alternate Name
Alias Name: GONZALES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: GONZALES USD-D'ARRIGO BROTHERS PROPERTY
Alias Type: Alternate Name
Alias Name: 204112
Alias Type: Project Code (Site Code)
Alias Name: 27010010
Alias Type: Envirostor ID Number

Completed Info:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D'ARRIGO BROTHERS PROPERTY (Continued)

S105754250

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 10/13/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 01/17/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 02/27/2004
Comments: Previous CRU could not be located, had to be redone & sent to cost recovery. Uploaded under final letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 01/27/2003
Comments: DTSC entered into an Environmental Oversight Agreement (Docket No. HSA-A 02/03-088) with the Gonzales Unified School District to provide oversight for a Preliminary Endangerment Assessment for this proposed school site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/18/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 01/17/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 10/02/2006
Comments: DTSC approved the SSI WP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 12/14/2006
Comments: DTSC approved the SSI Report with a no further action determination.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

D'ARRIGO BROTHERS PROPERTY (Continued)

S105754250

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Count: 14 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
GONZALES	S106926808	GONZALES MACHINE & FORGE WORKS	33 003RD	93926	SWEEPS UST
GONZALES	S106926810	GONZALES UNION SCHOOL DISTRICT	401 004TH ST	93926	SWEEPS UST
GONZALES	A100340317		HWY 101 & N ALTA ST		AST
GONZALES	S110370933	CITY OF GONZALES/PUBL WORKS	109TH & 117 4TH ST	93926	HAZNET
GONZALES	S110654753	PETE'S SHELL #2	ALTA ST N & HWY 101	93926	LUST
GONZALES	S109434296	2007 GONZALES SLOUGH PARK IMPROVEM	BURGUNDY WAY	93926	NPDES
GONZALES	S106928948	M.B. FOWLER INC.	BUSINESS HIGHWAY 101	93926	SWEEPS UST
GONZALES	S109424869	CITY OF GONZALES	SW CO OF ALTA ST & GONZALES R	93926	HAZNET
GONZALES	S103966370	GONZALES UNIFIED SCHOOL DISTRICT	GOLZALES HIGH SCH	93926	HAZNET
GONZALES	S106926809	GONZALES POTATO COMPANY	2 MI N OF GONZALES ON	93926	SWEEPS UST
GONZALES	U001593503	GONZALES POTATO COMPANY	2 MI. N. OF GONZALES ON FOLETT	93926	HIST UST
GONZALES	S105254799	GONZALES WW	SHORT ROAD	93926	WDS
GONZALES	S110739740	CITY OF GONZALES PUBLIC WORKS	201 C ST	93926	HAZNET
GONZALES	A100336922		26769 UNITED STATES HIGHWAY 10	93926	AST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 05/08/2012	Source: EPA
Date Data Arrived at EDR: 05/10/2012	Telephone: N/A
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 05/10/2012
Number of Days to Update: 5	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/30/2012	Source: EPA
Date Data Arrived at EDR: 04/05/2012	Telephone: N/A
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/30/2012	Source: EPA
Date Data Arrived at EDR: 04/05/2012	Telephone: N/A
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/05/2012
Number of Days to Update: 40	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/27/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 05/29/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/11/2011	Telephone: 703-603-8704
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 04/12/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/28/2011	Source: EPA
Date Data Arrived at EDR: 02/27/2012	Telephone: 703-412-9810
Date Made Active in Reports: 03/12/2012	Last EDR Contact: 05/29/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/15/2012
Next Scheduled EDR Contact: 08/27/2012
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 04/04/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 06/11/2012
Number of Days to Update: 11	Next Scheduled EDR Contact: 09/24/2012
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/30/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/30/2011	Telephone: 703-603-0695
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 06/11/2012
Number of Days to Update: 11	Next Scheduled EDR Contact: 09/24/2012
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 10/03/2011	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 10/04/2011	Telephone: 202-267-2180
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 04/03/2012
Number of Days to Update: 38	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 05/07/2012	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/08/2012	Telephone: 916-323-3400
Date Made Active in Reports: 05/23/2012	Last EDR Contact: 05/08/2012
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/20/2012
	Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/07/2012
Date Data Arrived at EDR: 05/08/2012
Date Made Active in Reports: 05/23/2012
Number of Days to Update: 15

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/08/2012
Next Scheduled EDR Contact: 08/20/2012
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/20/2012
Date Data Arrived at EDR: 02/20/2012
Date Made Active in Reports: 03/29/2012
Number of Days to Update: 38

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/22/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 05/09/2012
Date Data Arrived at EDR: 05/10/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 15

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 05/10/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 07/22/2008	Telephone: 916-464-4834
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 07/01/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/09/2012
Date Data Arrived at EDR: 05/10/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 15

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/10/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/07/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/23/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/01/2011
Date Data Arrived at EDR: 11/01/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 10

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/01/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/01/2012
Date Data Arrived at EDR: 02/02/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 103

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 02/14/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Quarterly

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Semi-Annually

State and tribal registered storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 05/09/2012	Source: SWRCB
Date Data Arrived at EDR: 05/10/2012	Telephone: 916-341-5851
Date Made Active in Reports: 05/24/2012	Last EDR Contact: 05/10/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 07/02/2012
	Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/10/2009	Telephone: 916-327-5092
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 01/23/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/23/2012
	Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011	Source: EPA Region 4
Date Data Arrived at EDR: 12/15/2011	Telephone: 404-562-9424
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/01/2011	Source: EPA, Region 1
Date Data Arrived at EDR: 11/01/2011	Telephone: 617-918-1313
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 05/01/2012
Number of Days to Update: 10	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/01/2012	Source: EPA Region 10
Date Data Arrived at EDR: 02/02/2012	Telephone: 206-553-2857
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 103	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Quarterly

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 02/07/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/17/2012	Telephone: 913-551-7003
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 04/23/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/28/2012	Source: EPA Region 5
Date Data Arrived at EDR: 02/29/2012	Telephone: 312-886-6136
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 76	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/28/2011	Source: EPA Region 9
Date Data Arrived at EDR: 11/29/2011	Telephone: 415-972-3368
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/18/2011	Source: EPA Region 8
Date Data Arrived at EDR: 08/19/2011	Telephone: 303-312-6137
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 04/30/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 04/10/2012
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/30/2012
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 02/17/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 04/03/2012	Telephone: 617-918-1102
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/03/2012
Number of Days to Update: 42	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 05/07/2012	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/08/2012	Telephone: 916-323-3400
Date Made Active in Reports: 05/23/2012	Last EDR Contact: 05/08/2012
Number of Days to Update: 15	Next Scheduled EDR Contact: 08/20/2012
	Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/27/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/27/2011	Telephone: 202-566-2777
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 04/03/2012
Number of Days to Update: 78	Next Scheduled EDR Contact: 07/09/2012
	Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 03/26/2012
Number of Days to Update: 137	Next Scheduled EDR Contact: 07/09/2012
	Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 05/15/2012
Number of Days to Update: 30	Next Scheduled EDR Contact: 08/27/2012
	Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/12/2012	Source: Department of Conservation
Date Data Arrived at EDR: 03/21/2012	Telephone: 916-323-3836
Date Made Active in Reports: 05/08/2012	Last EDR Contact: 03/21/2012
Number of Days to Update: 48	Next Scheduled EDR Contact: 07/02/2012
	Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 05/10/2012	Source: Integrated Waste Management Board
Date Data Arrived at EDR: 05/10/2012	Telephone: 916-341-6422
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 06/11/2012
Number of Days to Update: 15	Next Scheduled EDR Contact: 09/03/2012
	Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 05/07/2012
Number of Days to Update: 52	Next Scheduled EDR Contact: 08/20/2012
	Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 10/07/2011	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 12/09/2011	Telephone: 202-307-1000
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 06/04/2012
Number of Days to Update: 32	Next Scheduled EDR Contact: 09/17/2012
	Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 05/07/2012
Date Data Arrived at EDR: 05/08/2012
Date Made Active in Reports: 05/23/2012
Number of Days to Update: 15

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/08/2012
Next Scheduled EDR Contact: 08/20/2012
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/14/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009	Source: Department of Public Health
Date Data Arrived at EDR: 09/23/2009	Telephone: 707-463-4466
Date Made Active in Reports: 10/01/2009	Last EDR Contact: 06/04/2012
Number of Days to Update: 8	Next Scheduled EDR Contact: 09/17/2012
	Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 09/09/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/16/2011	Telephone: 202-564-6023
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 04/30/2012
Number of Days to Update: 13	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 05/21/2012
Number of Days to Update: 31	Next Scheduled EDR Contact: 09/03/2012
	Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/12/2012	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 03/13/2012	Telephone: 916-323-3400
Date Made Active in Reports: 04/02/2012	Last EDR Contact: 06/11/2012
Number of Days to Update: 20	Next Scheduled EDR Contact: 09/24/2012
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/12/2012
Date Data Arrived at EDR: 03/13/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 03/13/2012
Next Scheduled EDR Contact: 06/25/2012
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 10/04/2011
Date Data Arrived at EDR: 10/04/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 38

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Annually

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 03/28/2012
Date Data Arrived at EDR: 05/01/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 24

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 05/01/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 05/09/2012
Date Data Arrived at EDR: 05/10/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 15

Source: State Water Quality Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/10/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 05/09/2012
Date Data Arrived at EDR: 05/10/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 15

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 05/10/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

Other Ascertainable Records

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/15/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/04/2012	Telephone: (415) 495-8895
Date Made Active in Reports: 05/15/2012	Last EDR Contact: 04/04/2012
Number of Days to Update: 41	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/29/2011	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/09/2011	Telephone: 202-366-4595
Date Made Active in Reports: 11/11/2011	Last EDR Contact: 05/08/2012
Number of Days to Update: 94	Next Scheduled EDR Contact: 08/20/2012
	Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/16/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/30/2012
	Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 08/12/2010	Telephone: 202-528-4285
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 06/11/2012
Number of Days to Update: 112	Next Scheduled EDR Contact: 09/24/2012
	Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/01/2011	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 01/25/2012	Telephone: Varies
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/02/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/28/2011	Source: EPA
Date Data Arrived at EDR: 12/14/2011	Telephone: 703-416-0223
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/14/2012
Number of Days to Update: 27	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010	Source: Department of Energy
Date Data Arrived at EDR: 10/07/2011	Telephone: 505-845-0011
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 05/29/2012
Number of Days to Update: 146	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Varies

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 09/08/2011	Telephone: 303-231-5959
Date Made Active in Reports: 09/29/2011	Last EDR Contact: 06/05/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/17/2012
	Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 09/01/2011	Telephone: 202-566-0250
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 05/29/2012
Number of Days to Update: 131	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006	Source: EPA
Date Data Arrived at EDR: 09/29/2010	Telephone: 202-260-5521
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 03/28/2012
Number of Days to Update: 64	Next Scheduled EDR Contact: 07/09/2012
	Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/23/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 05/23/2012
Number of Days to Update: 25	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 04/30/2012
Number of Days to Update: 77	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 03/26/2012
Number of Days to Update: 61	Next Scheduled EDR Contact: 07/09/2012
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 04/17/2012
Number of Days to Update: 98	Next Scheduled EDR Contact: 07/30/2012
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 06/11/2012
Number of Days to Update: 60	Next Scheduled EDR Contact: 09/24/2012
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/10/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/12/2012	Telephone: 202-343-9775
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 04/10/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011	Source: EPA
Date Data Arrived at EDR: 12/13/2011	Telephone: (415) 947-8000
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 03/13/2012
Number of Days to Update: 79	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009	Source: EPA/NTIS
Date Data Arrived at EDR: 03/01/2011	Telephone: 800-424-9346
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 06/01/2012
Number of Days to Update: 62	Next Scheduled EDR Contact: 09/10/2012
	Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/20/2012
Date Data Arrived at EDR: 02/20/2012
Date Made Active in Reports: 03/29/2012
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/22/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Quarterly

UIC: UIC Listing

A listing of underground control injection wells.

Date of Government Version: 12/09/2011
Date Data Arrived at EDR: 02/29/2012
Date Made Active in Reports: 04/04/2012
Number of Days to Update: 35

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/23/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/23/2012
Next Scheduled EDR Contact: 09/10/2012
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/11/2012
Number of Days to Update: 69

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 04/03/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: No Update Planned

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 01/19/2012
Date Data Arrived at EDR: 01/19/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 33

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/11/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/15/2011
Date Data Arrived at EDR: 08/23/2011
Date Made Active in Reports: 10/03/2011
Number of Days to Update: 41

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 06/11/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/19/2011
Date Made Active in Reports: 08/16/2011
Number of Days to Update: 28

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/17/2012
Next Scheduled EDR Contact: 07/30/2012
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 19

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/30/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Varies

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 12/08/2006	Telephone: 202-208-3710
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/16/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/30/2012
	Data Release Frequency: Semi-Annually

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 04/23/2012
Number of Days to Update: 54	Next Scheduled EDR Contact: 08/06/2012
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/16/2012
Number of Days to Update: 339	Next Scheduled EDR Contact: 07/30/2012
	Data Release Frequency: N/A

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 05/04/2012
Number of Days to Update: 83	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2011	Telephone: N/A
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 03/16/2012
Number of Days to Update: 77	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 12/31/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/17/2012	Telephone: 617-520-3000
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 05/15/2012
Number of Days to Update: 13	Next Scheduled EDR Contact: 08/27/2012
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

2020 CORRECTIVE ACTION: 2020 Corrective Action Program List

This RCRA cleanup baseline includes facilities expected to need corrective action.

Date of Government Version: 11/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012	Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 05/18/2012
Number of Days to Update: 7	Next Scheduled EDR Contact: 08/27/2012
	Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 04/16/2012
Number of Days to Update: 76	Next Scheduled EDR Contact: 07/30/2012
	Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/11/2012	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 04/12/2012	Telephone: 916-440-7145
Date Made Active in Reports: 05/08/2012	Last EDR Contact: 04/12/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 07/30/2012
	Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 03/12/2012	Source: Department of Conservation
Date Data Arrived at EDR: 03/21/2012	Telephone: 916-323-3836
Date Made Active in Reports: 05/08/2012	Last EDR Contact: 03/21/2012
Number of Days to Update: 48	Next Scheduled EDR Contact: 07/02/2012
	Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/24/2012	Source: Department of Public Health
Date Data Arrived at EDR: 03/13/2012	Telephone: 916-558-1784
Date Made Active in Reports: 04/02/2012	Last EDR Contact: 06/11/2012
Number of Days to Update: 20	Next Scheduled EDR Contact: 09/24/2012
	Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 03/01/2007	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/01/2007	Telephone: 916-255-3628
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 05/04/2012
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Varies

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/22/2012
Date Data Arrived at EDR: 02/24/2012
Date Made Active in Reports: 04/04/2012
Number of Days to Update: 40

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/21/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Varies

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/09/2010
Date Data Arrived at EDR: 08/11/2010
Date Made Active in Reports: 08/20/2010
Number of Days to Update: 9

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: 09/10/2012
Data Release Frequency: Quarterly

EDR PROPRIETARY RECORDS

EDR Proprietary Records

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 04/03/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 34

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/03/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 34

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/02/2012
Next Scheduled EDR Contact: 07/16/2012
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 03/26/2012	Source: Contra Costa Health Services Department
Date Data Arrived at EDR: 03/28/2012	Telephone: 925-646-2286
Date Made Active in Reports: 05/08/2012	Last EDR Contact: 05/07/2012
Number of Days to Update: 41	Next Scheduled EDR Contact: 08/20/2012
	Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010	Source: Kern County Environment Health Services Department
Date Data Arrived at EDR: 09/01/2010	Telephone: 661-862-8700
Date Made Active in Reports: 09/30/2010	Last EDR Contact: 05/15/2012
Number of Days to Update: 29	Next Scheduled EDR Contact: 08/27/2012
	Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009	Source: EPA Region 9
Date Data Arrived at EDR: 03/31/2009	Telephone: 415-972-3178
Date Made Active in Reports: 10/23/2009	Last EDR Contact: 03/26/2012
Number of Days to Update: 206	Next Scheduled EDR Contact: 07/09/2012
	Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/29/2011	Source: Department of Public Works
Date Data Arrived at EDR: 12/15/2011	Telephone: 626-458-3517
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 04/10/2012
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/30/2012
	Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/23/2012	Source: La County Department of Public Works
Date Data Arrived at EDR: 04/24/2012	Telephone: 818-458-5185
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 04/24/2012
Number of Days to Update: 31	Next Scheduled EDR Contact: 08/06/2012
	Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009	Source: Engineering & Construction Division
Date Data Arrived at EDR: 03/10/2009	Telephone: 213-473-7869
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 05/21/2012
Number of Days to Update: 29	Next Scheduled EDR Contact: 09/03/2012
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 12/29/2011	Source: Community Health Services
Date Data Arrived at EDR: 02/02/2012	Telephone: 323-890-7806
Date Made Active in Reports: 02/21/2012	Last EDR Contact: 04/16/2012
Number of Days to Update: 19	Next Scheduled EDR Contact: 08/06/2012
	Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 04/26/2012	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 05/01/2012	Telephone: 310-524-2236
Date Made Active in Reports: 05/24/2012	Last EDR Contact: 04/17/2012
Number of Days to Update: 23	Next Scheduled EDR Contact: 08/06/2012
	Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 10/23/2003	Telephone: 562-570-2563
Date Made Active in Reports: 11/26/2003	Last EDR Contact: 04/30/2012
Number of Days to Update: 34	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 03/16/2012	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 04/16/2012	Telephone: 310-618-2973
Date Made Active in Reports: 05/08/2012	Last EDR Contact: 04/10/2012
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/30/2012
	Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 01/13/2012	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 01/24/2012	Telephone: 415-499-6647
Date Made Active in Reports: 02/22/2012	Last EDR Contact: 05/08/2012
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011	Source: Napa County Department of Environmental Management
Date Data Arrived at EDR: 12/06/2011	Telephone: 707-253-4269
Date Made Active in Reports: 02/07/2012	Last EDR Contact: 06/04/2012
Number of Days to Update: 63	Next Scheduled EDR Contact: 09/17/2012
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 09/17/2012
Data Release Frequency: No Update Planned

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2012
Date Data Arrived at EDR: 05/17/2012
Date Made Active in Reports: 06/11/2012
Number of Days to Update: 25

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/15/2012
Next Scheduled EDR Contact: 08/27/2012
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/01/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 4

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/15/2012
Next Scheduled EDR Contact: 08/27/2012
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/01/2012
Date Data Arrived at EDR: 05/17/2012
Date Made Active in Reports: 05/24/2012
Number of Days to Update: 7

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/15/2012
Next Scheduled EDR Contact: 08/27/2012
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/19/2012
Date Data Arrived at EDR: 03/19/2012
Date Made Active in Reports: 04/04/2012
Number of Days to Update: 16

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 06/11/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/23/2012
Date Data Arrived at EDR: 04/24/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 31

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/21/2011
Next Scheduled EDR Contact: 04/09/2012
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 04/23/2012	Source: Department of Environmental Health
Date Data Arrived at EDR: 04/24/2012	Telephone: 951-358-5055
Date Made Active in Reports: 05/24/2012	Last EDR Contact: 12/21/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 04/26/2012
	Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/07/2012	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 04/16/2012	Telephone: 916-875-8406
Date Made Active in Reports: 05/08/2012	Last EDR Contact: 04/09/2012
Number of Days to Update: 22	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/02/2012	Source: Sacramento County Environmental Management
Date Data Arrived at EDR: 04/17/2012	Telephone: 916-875-8406
Date Made Active in Reports: 05/08/2012	Last EDR Contact: 04/09/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 03/01/2012	Source: San Bernardino County Fire Department Hazardous Materials Division
Date Data Arrived at EDR: 03/01/2012	Telephone: 909-387-3041
Date Made Active in Reports: 03/27/2012	Last EDR Contact: 05/15/2012
Number of Days to Update: 26	Next Scheduled EDR Contact: 08/27/2012
	Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/09/2010	Source: Hazardous Materials Management Division
Date Data Arrived at EDR: 09/15/2010	Telephone: 619-338-2268
Date Made Active in Reports: 09/29/2010	Last EDR Contact: 03/16/2012
Number of Days to Update: 14	Next Scheduled EDR Contact: 06/25/2012
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 39

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/30/2012
Next Scheduled EDR Contact: 08/13/2012
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 06/11/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/15/2012
Next Scheduled EDR Contact: 08/27/2012
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/15/2012
Next Scheduled EDR Contact: 08/27/2012
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 03/29/2012
Date Data Arrived at EDR: 03/30/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 39

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/26/2012
Next Scheduled EDR Contact: 07/09/2012
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 04/09/2012
Date Data Arrived at EDR: 04/09/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 29

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/19/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/26/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 43

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/19/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/05/2012
Date Data Arrived at EDR: 03/07/2012
Date Made Active in Reports: 03/27/2012
Number of Days to Update: 20

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 06/04/2012
Next Scheduled EDR Contact: 09/17/2012
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/15/2012
Date Data Arrived at EDR: 05/15/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 10

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/15/2012
Next Scheduled EDR Contact: 08/27/2012
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/19/2012
Date Data Arrived at EDR: 03/21/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 48

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/19/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/19/2012
Date Data Arrived at EDR: 03/22/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 47

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 03/19/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Quarterly

SONOMA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/05/2011	Source: Department of Health Services
Date Data Arrived at EDR: 04/06/2011	Telephone: 707-565-6565
Date Made Active in Reports: 05/12/2011	Last EDR Contact: 04/02/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 07/16/2012
	Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 03/12/2012	Source: Sutter County Department of Agriculture
Date Data Arrived at EDR: 03/13/2012	Telephone: 530-822-7500
Date Made Active in Reports: 04/03/2012	Last EDR Contact: 06/11/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 09/24/2012
	Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 02/03/2012	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 02/22/2012	Telephone: 805-654-2813
Date Made Active in Reports: 03/29/2012	Last EDR Contact: 05/21/2012
Number of Days to Update: 36	Next Scheduled EDR Contact: 09/03/2012
	Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011	Source: Environmental Health Division
Date Data Arrived at EDR: 12/01/2011	Telephone: 805-654-2813
Date Made Active in Reports: 01/19/2012	Last EDR Contact: 04/09/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 07/23/2012
	Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008	Source: Environmental Health Division
Date Data Arrived at EDR: 06/24/2008	Telephone: 805-654-2813
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 05/21/2012
Number of Days to Update: 37	Next Scheduled EDR Contact: 09/03/2012
	Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/30/2012	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 05/04/2012	Telephone: 805-654-2813
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 04/30/2012
Number of Days to Update: 21	Next Scheduled EDR Contact: 08/13/2012
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/27/2012	Source: Environmental Health Division
Date Data Arrived at EDR: 03/21/2012	Telephone: 805-654-2813
Date Made Active in Reports: 05/08/2012	Last EDR Contact: 03/21/2012
Number of Days to Update: 48	Next Scheduled EDR Contact: 07/02/2012
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 03/26/2012	Source: Yolo County Department of Health
Date Data Arrived at EDR: 03/30/2012	Telephone: 530-666-8646
Date Made Active in Reports: 05/08/2012	Last EDR Contact: 03/26/2012
Number of Days to Update: 39	Next Scheduled EDR Contact: 07/09/2012
	Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/21/2012	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 05/22/2012	Telephone: 860-424-3375
Date Made Active in Reports: 05/31/2012	Last EDR Contact: 05/22/2012
Number of Days to Update: 9	Next Scheduled EDR Contact: 09/03/2012
	Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/20/2011	Telephone: N/A
Date Made Active in Reports: 08/11/2011	Last EDR Contact: 04/17/2012
Number of Days to Update: 22	Next Scheduled EDR Contact: 07/30/2012
	Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/10/2012	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 02/09/2012	Telephone: 518-402-8651
Date Made Active in Reports: 03/09/2012	Last EDR Contact: 05/09/2012
Number of Days to Update: 29	Next Scheduled EDR Contact: 08/20/2012
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 04/27/2012
Date Made Active in Reports: 06/05/2012
Number of Days to Update: 39

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/23/2012
Next Scheduled EDR Contact: 08/06/2012
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 06/24/2011
Date Made Active in Reports: 06/30/2011
Number of Days to Update: 6

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/15/2011
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/19/2012
Next Scheduled EDR Contact: 07/02/2012
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.
Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

GONZALES
5TH STREET AND GABILAN COURT
GONZALES, CA 93926

TARGET PROPERTY COORDINATES

Latitude (North):	36.5112 - 36° 30' 40.32"
Longitude (West):	121.4389 - 121° 26' 20.04"
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	639793.1
UTM Y (Meters):	4041581.8
Elevation:	145 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	36121-E4 GONZALES, CA
Most Recent Revision:	1984
South Map:	36121-D4 PALO ESCRITO PEAK, CA
Most Recent Revision:	1984

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

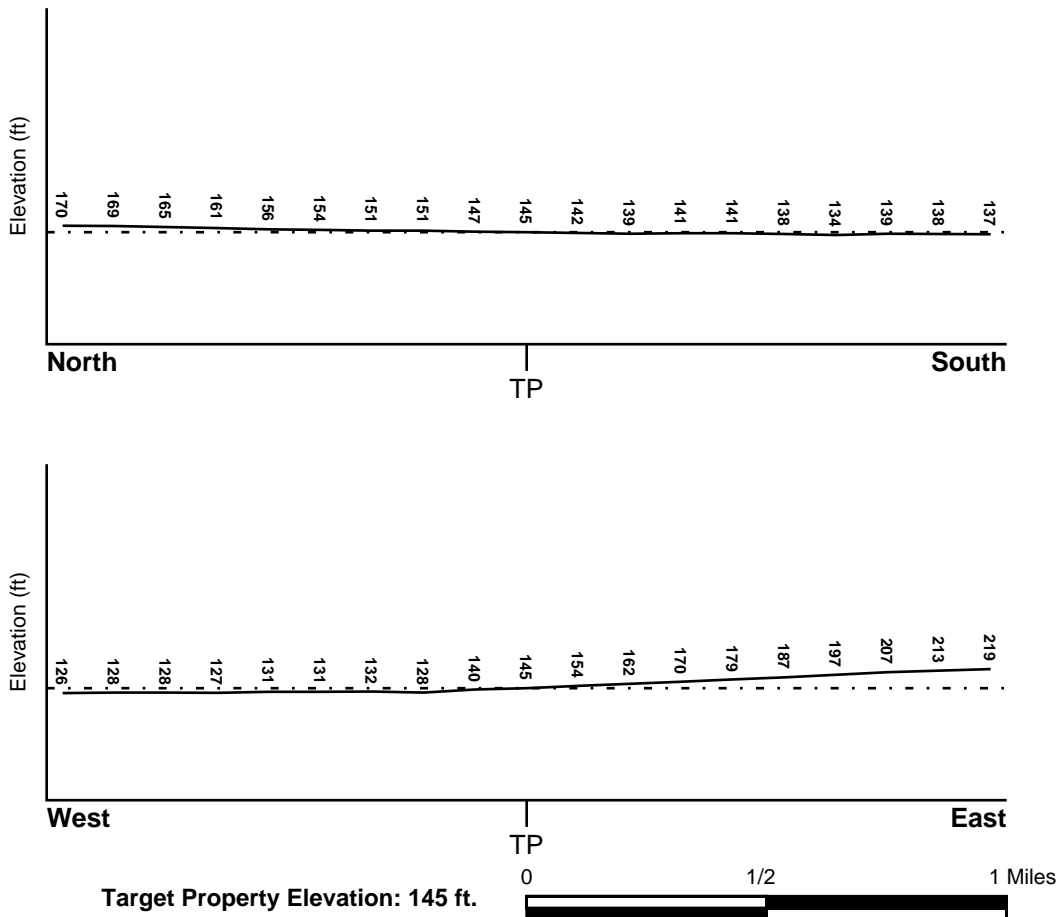
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u> MONTEREY, CA	FEMA Flood <u>Electronic Data</u> YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	06053C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u> GONZALES	NWI Electronic <u>Data Coverage</u> YES - refer to the Overview Map and Detail Map
--	--

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

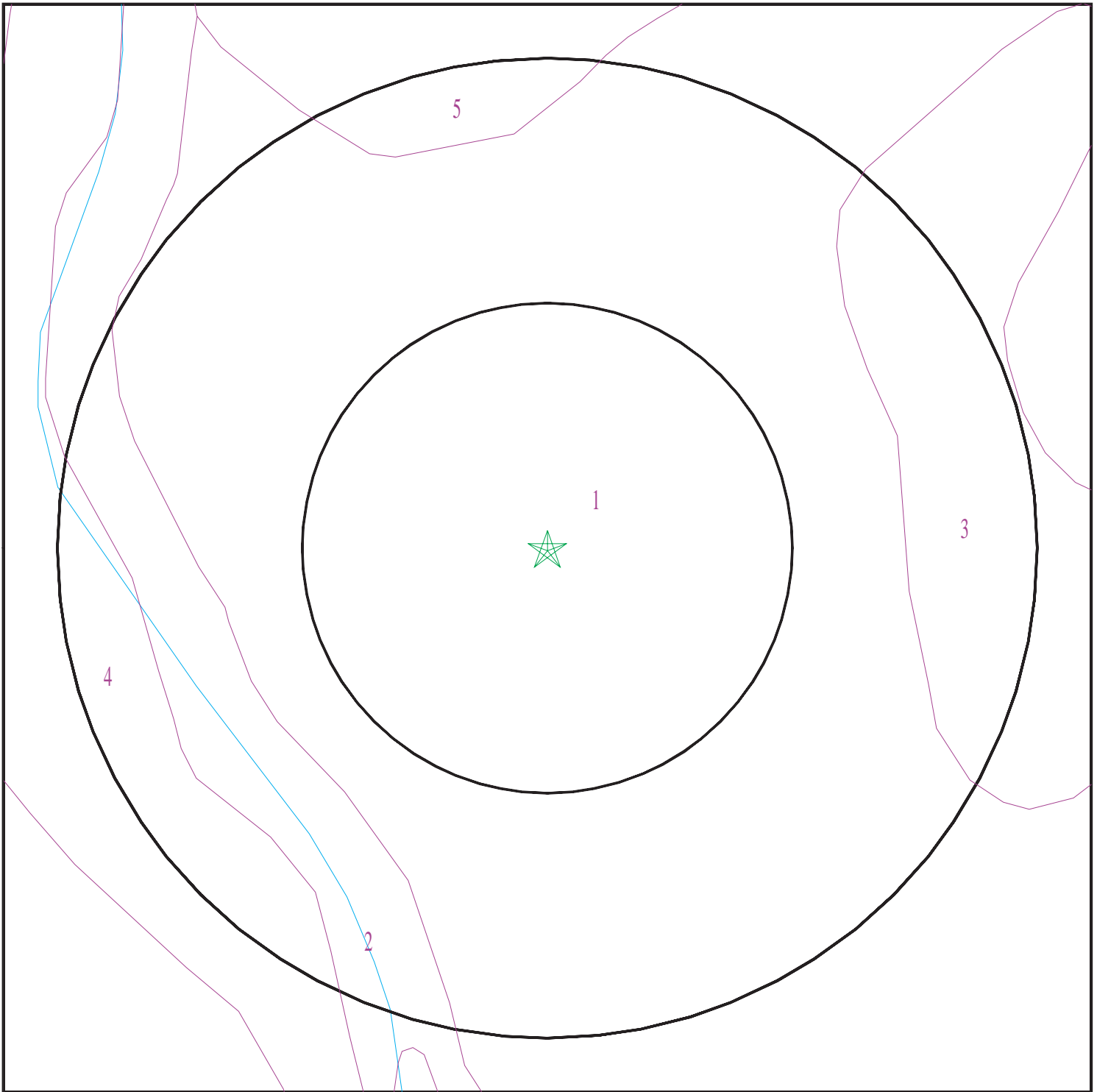
Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 3340733.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Gonzales
ADDRESS: 5th Street and Gabilan Court
Gonzales CA 93926
LAT/LONG: 36.5112 / 121.4389

CLIENT: Rincon
CONTACT: Jake Lippman
INQUIRY #: 3340733.2s
DATE: June 11, 2012 5:31 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Placentia

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	sandy loam	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
2	12 inches	35 inches	clay	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
3	35 inches	57 inches	sandy clay loam	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
4	57 inches	68 inches	gravelly sandy loam	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9

Soil Map ID: 2

Soil Component Name: Xerorthents, sandy

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	59 inches	sand	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.3 Min: 5.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: Chualar

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	20 inches	loam	Not reported	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
2	20 inches	44 inches	sandy clay loam	Not reported	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
3	44 inches	59 inches	gravelly sandy loam	Not reported	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
4	59 inches	79 inches	gravelly coarse sand	Not reported	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 4

Soil Component Name: Pico

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	55 inches	fine sandy loam	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 7.9
2	55 inches	72 inches	stratified sand to silty clay loam	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 7.9

Soil Map ID: 5

Soil Component Name: Danville

Soil Surface Texture: sandy clay loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 inches	sandy clay loam	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.1
2	18 inches	38 inches	clay	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.1
3	38 inches	66 inches	gravelly sandy clay loam	Not reported	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.1

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS3221310	0 - 1/8 Mile NNE
8	USGS3221543	1/2 - 1 Mile WSW
9	USGS3221541	1/2 - 1 Mile SW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
4	CA2701542	1/4 - 1/2 Mile SW

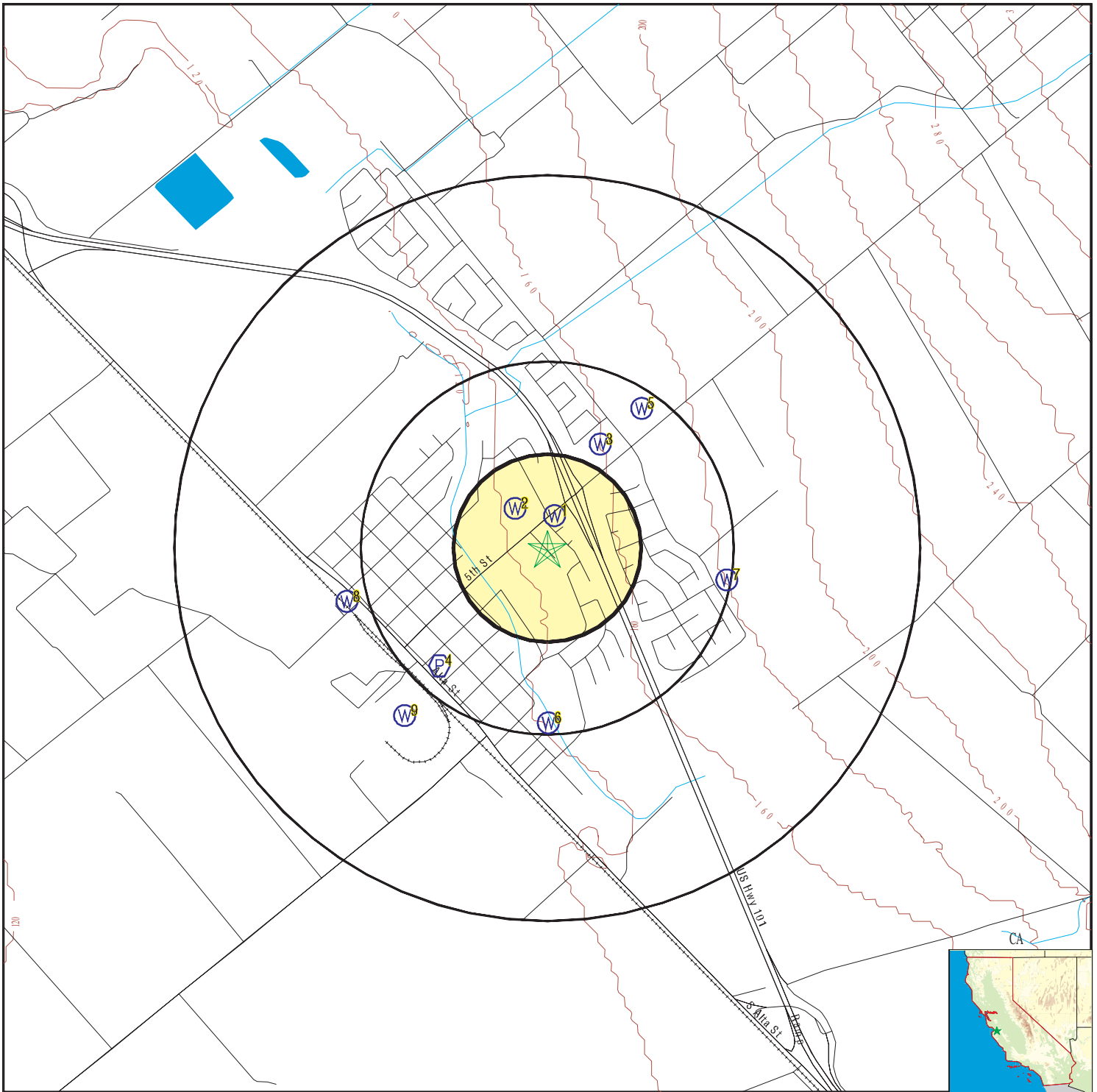
Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	13149	1/8 - 1/4 Mile NW
3	13147	1/4 - 1/2 Mile NNE
5	13148	1/4 - 1/2 Mile NE
6	13152	1/4 - 1/2 Mile South
7	13146	1/4 - 1/2 Mile East

PHYSICAL SETTING SOURCE MAP - 3340733.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Gonzales
 ADDRESS: 5th Street and Gabilan Court
 Gonzales CA 93926
 LAT/LONG: 36.5112 / 121.4389

CLIENT: Rincon
 CONTACT: Jake Lippman
 INQUIRY #: 3340733.2s
 DATE: June 11, 2012 5:31 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

1
NNE
0 - 1/8 Mile
Higher

FED USGS USGS3221310

Agency cd:	USGS	Site no:	363045121261501
Site name:	016S005E29H001M	EDR Site id:	USGS3221310
Latitude:	363045	Dec lat:	36.51246293
Longitude:	1212615	Coord meth:	M
Dec lon:	-121.43854711	Latlong datum:	NAD27
Coord acc:	S	District:	06
Dec latlong datum:	NAD83	County:	053
State:	06	Land net:	SWSENES 29T 16SR 05EM
Country:	US	Map scale:	24000
Location map:	GONZALES		
Altitude:	150.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Salinas. California. Area = 3250 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19651030
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	500	Hole depth:	520
Source of depth data:	Not Reported		
Project number:	CA-9-358M		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

2
NW
1/8 - 1/4 Mile
Lower

CA WELLS 13149

Water System Information:

Prime Station Code:	16S/05E-29K02 M	User ID:	27C
FRDS Number:	2701989001	County:	Monterey
District Number:	57	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	363046.5 1212622.5	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 01		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number:	2701989		
System Name:	GONZALES SCHOOL WATER SYSTEM		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

3
NNE
1/4 - 1/2 Mile
Higher

CA WELLS 13147

Water System Information:

Prime Station Code:	16S/05E-29A01 M	User ID:	HEN
FRDS Number:	2710007005	County:	Monterey
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	363055.0 1212607.0	Precision:	100 Feet (one Second)
Source Name:	WELL 05 FANOE RD		
System Number:	2710007		
System Name:	City of Gonzales		
Organization That Operates System:	PO BOX 647		
	GONZALES, CA 93926		
Pop Served:	1830	Connections:	34
Area Served:	GONZALES		
Sample Collected:	01/11/2011	Findings:	11. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/05/2011	Findings:	489. US
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	04/05/2011	Findings:	7.4
Chemical:	PH, LABORATORY		
Sample Collected:	04/05/2011	Findings:	131. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	04/05/2011	Findings:	159.8 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/05/2011	Findings:	173. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	04/05/2011	Findings:	46. MG/L
Chemical:	CALCIUM		
Sample Collected:	04/05/2011	Findings:	14. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/05/2011	Findings:	39. MG/L
Chemical:	SODIUM		
Sample Collected:	04/05/2011	Findings:	1.9 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/05/2011	Findings:	24. MG/L
Chemical:	CHLORIDE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/05/2011	Findings:	0.26 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	04/05/2011	Findings:	330. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/05/2011	Findings:	0.28
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	04/05/2011	Findings:	5. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/05/2011	Findings:	0.15 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	07/05/2011	Findings:	490. US
Chemical:	SPECIFIC CONDUCTANCE		

**4
SW
1/4 - 1/2 Mile
Lower**

FRDS PWS CA2701542

PWS ID: CA2701542
 Date Initiated: 7706 Date Deactivated: Not Reported
 PWS Name: PETE'S SHELL 2 WATER SYSTEM
 PETE PEREZ
 N ALTO & HWY 1
 GONZALES, CA 93926

Addressee / Facility: System Owner/Responsible Party
 PETE PEREZ
 P O BOX 1
 GONZALES, CA 93926

Facility Latitude: 36 30 24 Facility Longitude: 121 26 35
 City Served: Not Reported
 Treatment Class: Untreated Population: 00000028

Violations information not reported.

ENFORCEMENT INFORMATION:

Truedate:	03/31/2009	Pwsid:	CA2701542
Pwsname:	GONZALES 76 STATION WS		
Retpopsrvd:	200	Pwstypcod:	NC
Void:	0000010	Contaminant:	COLIFORM (TCR)
Viol. Type:	Monitoring, Repeat Major (TCR)		
Complperbe:	1/1/2000 0:00:00		
Complperen:	3/31/2000 0:00:00	Enfdate:	No Enf Action as of
Enf action:	7/8/2009 0:00:00		
Violmeasur:	Not Reported		

Truedate:	03/31/2009	Pwsid:	CA2701542
Pwsname:	GONZALES 76 STATION WS		
Retpopsrvd:	200	Pwstypcod:	NC
Void:	0100004	Contaminant:	NITRATE
Viol. Type:	4		
Complperbe:	12/6/2000 0:00:00		
Complperen:	1/6/2001 0:00:00	Enfdate:	2/2/2007 0:00:00
Enf action:	State Compliance Achieved		
Violmeasur:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: CA2701542
 Pwsname: GONZALES 76 STATION WS
 Retpopsrvd: 200 Pwstypecod: NC
 Void: 0100005 Contaminant: COLIFORM (TCR)
 Viol. Type: Monitoring, Routine Major (TCR)
 Complperbe: 1/1/2001 0:00:00
 Complperen: 3/31/2001 0:00:00 Enfdate: No Enf Action as of
 Enf action: 7/8/2009 0:00:00
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: CA2701542
 Pwsname: GONZALES 76 STATION WS
 Retpopsrvd: 200 Pwstypecod: NC
 Void: 0200011 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 10/1/2001 0:00:00
 Complperen: 10/31/2001 0:00:00 Enfdate: No Enf Action as of
 Enf action: 7/8/2009 0:00:00
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: CA2701542
 Pwsname: GONZALES 76 STATION WS
 Retpopsrvd: 200 Pwstypecod: NC
 Void: 0400013 Contaminant: COLIFORM (TCR)
 Viol. Type: Monitoring, Routine Major (TCR)
 Complperbe: 10/1/2003 0:00:00
 Complperen: 12/31/2003 0:00:00 Enfdate: 1/23/2004 0:00:00
 Enf action: State Violation/Reminder Notice
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: CA2701542
 Pwsname: GONZALES 76 STATION WS
 Retpopsrvd: 200 Pwstypecod: NC
 Void: 0700015 Contaminant: COLIFORM (TCR)
 Viol. Type: Monitoring, Routine Major (TCR)
 Complperbe: 7/1/2006 0:00:00
 Complperen: 9/30/2006 0:00:00 Enfdate: 11/2/2006 0:00:00
 Enf action: State Violation/Reminder Notice
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: CA2701542
 Pwsname: GONZALES 76 STATION WS
 Retpopsrvd: 200 Pwstypecod: NC
 Void: 0700016 Contaminant: COLIFORM (TCR)
 Viol. Type: Monitoring, Repeat Major (TCR)
 Complperbe: 11/1/2006 0:00:00
 Complperen: 11/30/2006 0:00:00 Enfdate: 12/26/2006 0:00:00
 Enf action: State Violation/Reminder Notice
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: CA2701542
 Pwsname: GONZALES 76 STATION WS
 Retpopsrvd: 200 Pwstypecod: NC
 Void: 0700016 Contaminant: COLIFORM (TCR)
 Viol. Type: Monitoring, Repeat Major (TCR)
 Complperbe: 11/1/2006 0:00:00
 Complperen: 11/30/2006 0:00:00 Enfdate: 12/26/2006 0:00:00
 Enf action: State Public Notif Requested
 Violmeasur: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Truedate: 03/31/2009 Pwsid: CA2701542
 Pwsname: GONZALES 76 STATION WS
 Retpopsrvd: 200 Pwstypecod: NC
 Vioid: 0700017 Contaminant: COLIFORM (TCR)
 Viol. Type: Monitoring, Routine Major (TCR)
 Complperbe: 12/1/2006 0:00:00
 Complperen: 12/31/2006 0:00:00 Enfdate: 12/27/2006 0:00:00
 Enf action: State Violation/Reminder Notice
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: CA2701542
 Pwsname: GONZALES 76 STATION WS
 Retpopsrvd: 200 Pwstypecod: NC
 Vioid: 0700018 Contaminant: COLIFORM (TCR)
 Viol. Type: MCL, Monthly (TCR)
 Complperbe: 1/1/2007 0:00:00
 Complperen: 1/31/2007 0:00:00 Enfdate: 1/16/2007 0:00:00
 Enf action: State Violation/Reminder Notice
 Violmeasur: Not Reported

Truedate: 03/31/2009 Pwsid: CA2701542
 Pwsname: GONZALES 76 STATION WS
 Retpopsrvd: 200 Pwstypecod: NC
 Vioid: 0700019 Contaminant: COLIFORM (TCR)
 Viol. Type: Monitoring, Routine Major (TCR)
 Complperbe: 4/1/2007 0:00:00
 Complperen: 6/30/2007 0:00:00 Enfdate: 7/31/2007 0:00:00
 Enf action: State Admin Penalty Assessed
 Violmeasur: Not Reported

System Name: GONZALES 76 STATION WS
 Violation Type: Monitoring, Repeat Major (TCR)
 Contaminant: COLIFORM (TCR)
 Compliance Period: 1/1/2000 0:00:00 - 3/31/2000 0:00:00
 Violation ID: 0000010
 Enforcement Date: No Enf Action as of Enf. Action: 10/17/2006 0:00:00

System Name: GONZALES 76 STATION WS
 Violation Type: Monitoring, Repeat Major (TCR)
 Contaminant: COLIFORM (TCR)
 Compliance Period: 1/1/2000 0:00:00 - 3/31/2000 0:00:00
 Violation ID: 0000010
 Enforcement Date: 4/12/2007 0:00:00 Enf. Action: Not Reported

System Name: GONZALES 76 STATION WS
 Violation Type: 1
 Contaminant: NITRATE
 Compliance Period: 12/1/2000 0:00:00 - 1/31/2001 0:00:00
 Violation ID: 0100004
 Enforcement Date: 4/12/2007 0:00:00 Enf. Action: Not Reported

System Name: GONZALES 76 STATION WS
 Violation Type: 1
 Contaminant: NITRATE
 Compliance Period: 12/1/2000 0:00:00 - 1/31/2001 0:00:00
 Violation ID: 0100004
 Enforcement Date: No Enf Action as of Enf. Action: 10/17/2006 0:00:00

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

ENFORCEMENT INFORMATION:

System Name:	GONZALES 76 STATION WS		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1/1/2001 0:00:00 - 3/31/2001 0:00:00		
Violation ID:	0100005		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported
System Name:	GONZALES 76 STATION WS		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	1/1/2001 0:00:00 - 3/31/2001 0:00:00		
Violation ID:	0100005		
Enforcement Date:	No Enf Action as of	Enf. Action:	10/17/2006 0:00:00
System Name:	GONZALES 76 STATION WS		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2001 0:00:00 - 10/31/2001 0:00:00		
Violation ID:	0200011		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported
System Name:	GONZALES 76 STATION WS		
Violation Type:	MCL, Monthly (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2001 0:00:00 - 10/31/2001 0:00:00		
Violation ID:	0200011		
Enforcement Date:	No Enf Action as of	Enf. Action:	10/17/2006 0:00:00
System Name:	GONZALES 76 STATION WS		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	0400013		
Enforcement Date:	1/23/2004 0:00:00	Enf. Action:	State Violation/Reminder Notice
System Name:	GONZALES 76 STATION WS		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	10/1/2003 0:00:00 - 12/31/2003 0:00:00		
Violation ID:	0400013		
Enforcement Date:	4/12/2007 0:00:00	Enf. Action:	Not Reported
System Name:	GONZALES 76 STATION WS		
Violation Type:	Monitoring, Routine Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	07/01/06 - 09/30/06		
Violation ID:	0700015		
Enforcement Date:	11/02/06	Enf. Action:	State Violation/Reminder Notice
System Name:	GONZALES 76 STATION WS		
Violation Type:	Monitoring, Repeat Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	11/01/06 - 11/30/06		
Violation ID:	0700016		
Enforcement Date:	12/26/06	Enf. Action:	State Public Notif Requested
System Name:	GONZALES 76 STATION WS		
Violation Type:	Monitoring, Repeat Major (TCR)		
Contaminant:	COLIFORM (TCR)		
Compliance Period:	11/01/06 - 11/30/06		
Violation ID:	0700016		
Enforcement Date:	12/26/06	Enf. Action:	State Violation/Reminder Notice

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

CONTACT INFORMATION:

Name:	GONZALES 76 STATION WS	Population:	200
Contact:	1270 Natividad Rd	Phone:	Not Reported
Address:	Rm 301		
Address 2:	Salinas		
	CA, 93 83175		

5 **CA WELLS 13148**
NE
1/4 - 1/2 Mile
Higher

Water System Information:

Prime Station Code:	16S/05E-29H01 M	User ID:	HEN
FRDS Number:	2710007002	County:	Monterey
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	363100.0 1212600.0	Precision:	0.5 Mile (30 Seconds)
Source Name:	WELL 02 5TH STREET - DESTROYED		
System Number:	2710007		
System Name:	City of Gonzales		
Organization That Operates System:	PO BOX 647		
	GONZALES, CA 93926		
Pop Served:	1830	Connections:	34
Area Served:	GONZALES		

6 **CA WELLS 13152**
South
1/4 - 1/2 Mile
Lower

Water System Information:

Prime Station Code:	16S/05E-33D02 M	User ID:	HEN
FRDS Number:	2710007003	County:	Monterey
District Number:	05	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	363016.0 1212616.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 03 C STREET		
System Number:	2710007		
System Name:	City of Gonzales		
Organization That Operates System:	PO BOX 647		
	GONZALES, CA 93926		
Pop Served:	1830	Connections:	34
Area Served:	GONZALES		
Sample Collected:	01/11/2011	Findings:	18. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/05/2011	Findings:	523. US
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	04/05/2011	Findings:	7.3
Chemical:	PH, LABORATORY		
Sample Collected:	04/05/2011	Findings:	115. MG/L
Chemical:	ALKALINITY (TOTAL) AS CaCO3		
Sample Collected:	04/05/2011	Findings:	140.3 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	04/05/2011	Findings:	222. MG/L
Chemical:	HARDNESS (TOTAL) AS CaCO3		
Sample Collected:	04/05/2011	Findings:	66. MG/L
Chemical:	CALCIUM		
Sample Collected:	04/05/2011	Findings:	14. MG/L
Chemical:	MAGNESIUM		
Sample Collected:	04/05/2011	Findings:	22. MG/L
Chemical:	SODIUM		
Sample Collected:	04/05/2011	Findings:	2.4 MG/L
Chemical:	POTASSIUM		
Sample Collected:	04/05/2011	Findings:	32. MG/L
Chemical:	CHLORIDE		
Sample Collected:	04/05/2011	Findings:	0.12 MG/L
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)		
Sample Collected:	04/05/2011	Findings:	355. MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	04/05/2011	Findings:	0.28
Chemical:	LANGELIER INDEX @ 60 C		
Sample Collected:	04/05/2011	Findings:	18. MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/05/2011	Findings:	5.e-002 NTU
Chemical:	TURBIDITY, LABORATORY		
Sample Collected:	07/05/2011	Findings:	550. US
Chemical:	SPECIFIC CONDUCTANCE		

7
East
1/4 - 1/2 Mile
Higher

CA WELLS 13146

Water System Information:

Prime Station Code:	16S/05E-28L02 M	User ID:	27C
FRDS Number:	2701996001	County:	Monterey
District Number:	57	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	363036.0 1212545.5	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 01		
System Number:	2701996		
System Name:	MISSION DAIRY WATER SYSTEM		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

8
WSW
1/2 - 1 Mile
Lower

FED USGS USGS3221543

Agency cd:	USGS	Site no:	363033121265101
Site name:	016S005E29L001M	EDR Site id:	USGS3221543
Latitude:	363033	Dec lat:	36.50912952
Longitude:	1212651	Coor meth:	M
Dec lon:	-121.44854757	Latlong datum:	NAD27
Coor accr:	S	District:	06
Dec latlong datum:	NAD83	County:	053
State:	06	Land net:	NWNESWS 29T 16SR 05EM
Country:	US	Map scale:	24000
Location map:	GONZALES		
Altitude:	126.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Salinas. California. Area = 3250 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19620124
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	564	Hole depth:	564
Source of depth data:	Not Reported		
Project number:	CA-9-358M		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

9
SW
1/2 - 1 Mile
Lower

FED USGS USGS3221541

Agency cd:	USGS	Site no:	363017121264101
Site name:	016S005E32B001M	EDR Site id:	USGS3221541
Latitude:	363017	Dec lat:	36.50468516
Longitude:	1212641	Coor meth:	M
Dec lon:	-121.44576961	Latlong datum:	NAD27
Coor accr:	S	District:	06
Dec latlong datum:	NAD83	County:	053
State:	06	Land net:	NWNES32 T16S R05E M
Country:	US	Map scale:	24000
Location map:	GONZALES		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	133.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Salinas. California. Area = 3250 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	217	Hole depth:	217
Source of depth data:	Not Reported		
Project number:	CA-9-358M		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
93926	5	1

Federal EPA Radon Zone for MONTEREY County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for MONTEREY COUNTY, CA

Number of sites tested: 16

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.788 pCi/L	94%	6%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.133 pCi/L	67%	33%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Appendix 3

Historical Research Documentation



Gonzales

5th Street and Gabilan Court
Gonzales, CA 93926

Inquiry Number: 3340733.4

June 08, 2012

EDR Historical Topographic Map Report

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

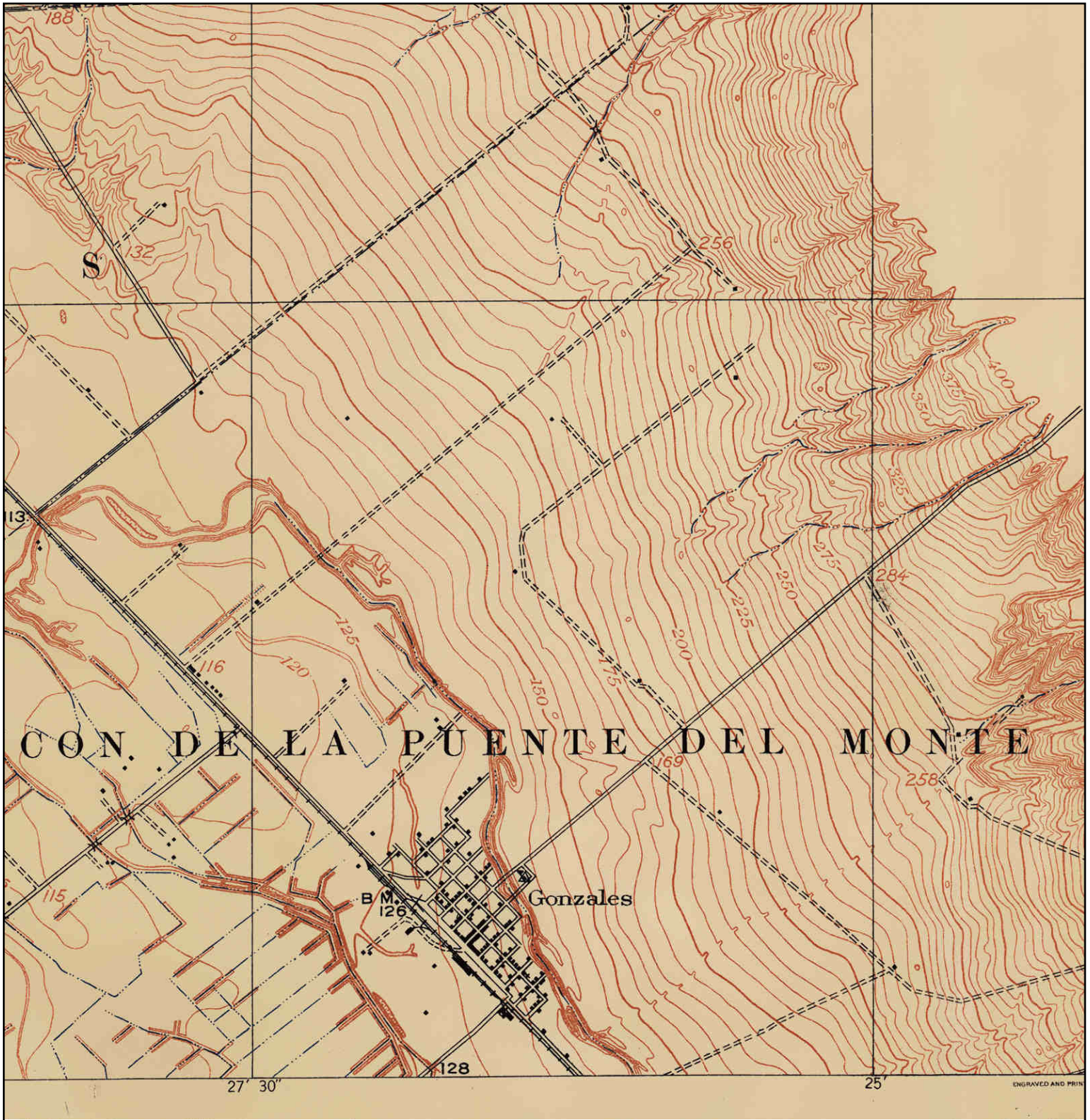
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Historical Topographic Map



	TARGET QUAD	SITE NAME: Gonzales	CLIENT: Rincon
	NAME: SALINAS VALLEY	ADDRESS: 5th Street and Gabilan Court Gonzales, CA 93926	CONTACT: Jake Lippman
	MAP YEAR: 1910	LAT/LONG: 36.5112 / -121.4389	INQUIRY#: 3340733.4
	SERIES: 7.5		RESEARCH DATE: 06/08/2012
	SCALE: 1:31680		

Historical Topographic Map



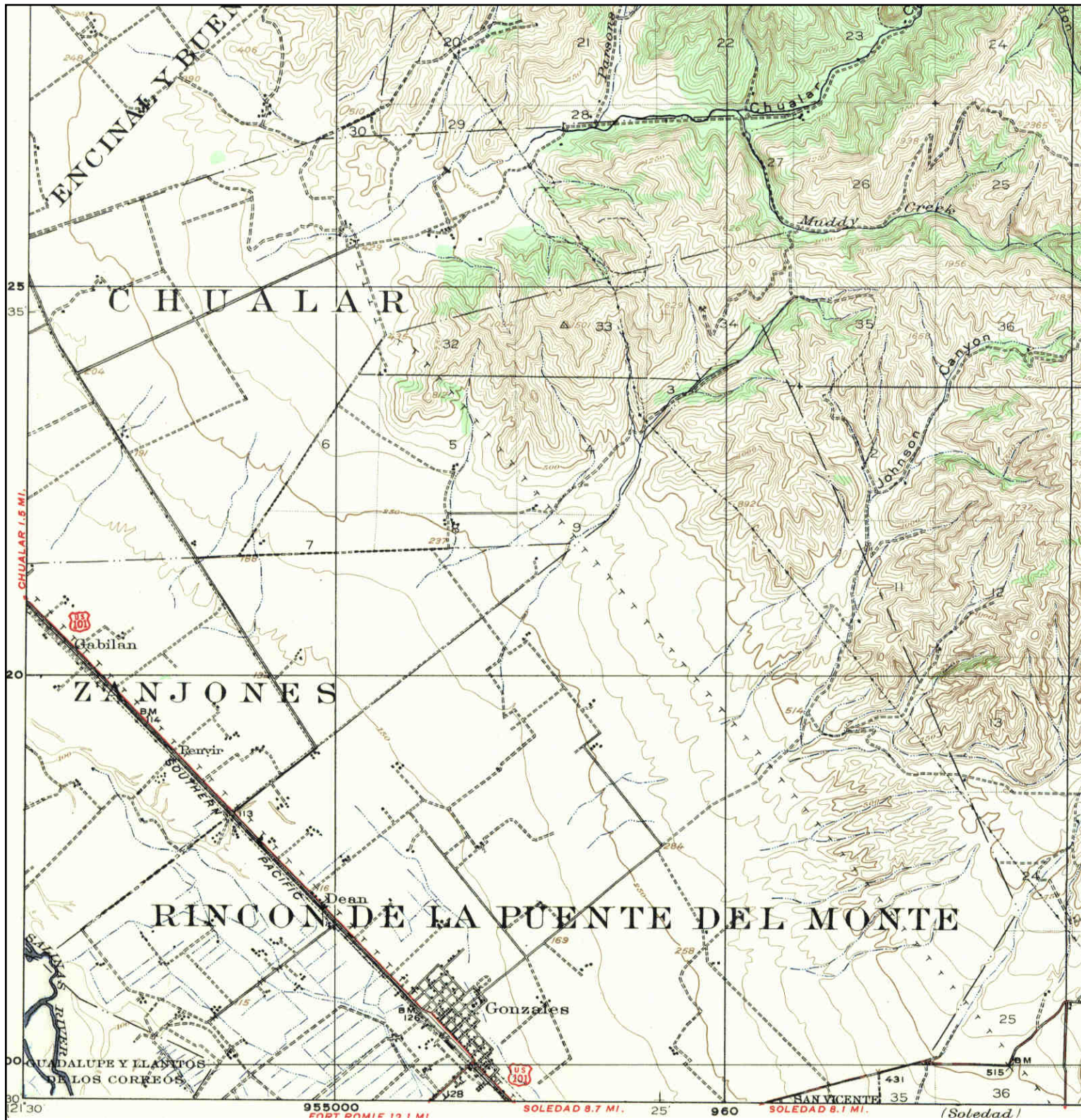
<p>N ↑</p>	<p>TARGET QUAD</p> <p>NAME: METZ</p> <p>MAP YEAR: 1921</p>	<p>SITE NAME: Gonzales</p> <p>ADDRESS: 5th Street and Gabilan Court</p> <p>Gonzales, CA 93926</p> <p>LAT/LONG: 36.5112 / -121.4389</p>	<p>CLIENT: Rincon</p> <p>CONTACT: Jake Lippman</p> <p>INQUIRY#: 3340733.4</p> <p>RESEARCH DATE: 06/08/2012</p>
	<p>SERIES: 15</p> <p>SCALE: 1:62500</p>		

Historical Topographic Map



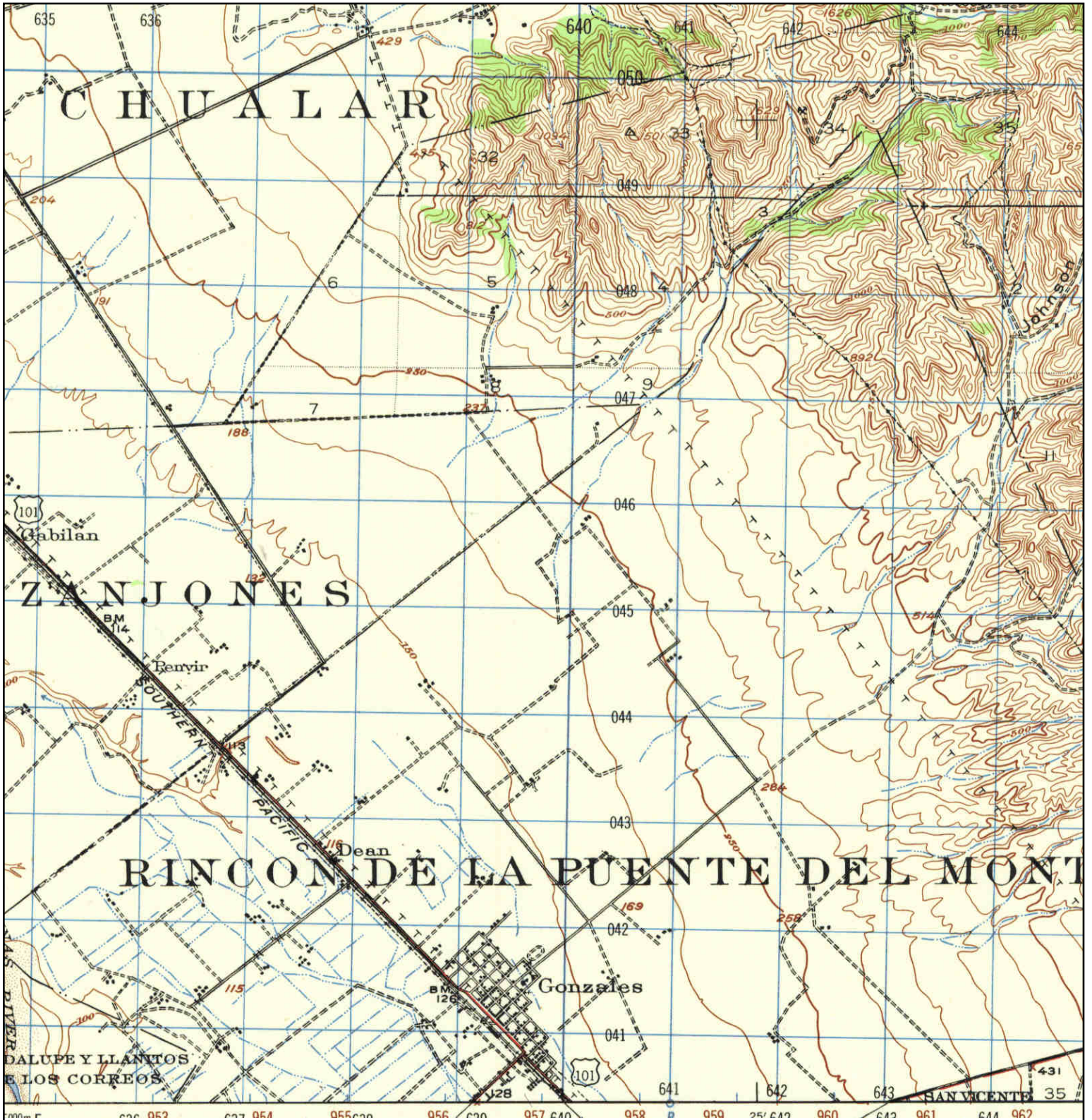
<p>N</p>	TARGET QUAD	SITE NAME: Gonzales	CLIENT: Rincon
	NAME: GONZALES	ADDRESS: 5th Street and Gabilan Court	CONTACT: Jake Lippman
	MAP YEAR: 1921	LAT/LONG: 36.5112 / -121.4389	INQUIRY#: 3340733.4
	SERIES: 15		RESEARCH DATE: 06/08/2012
	SCALE: 1:62500		

Historical Topographic Map



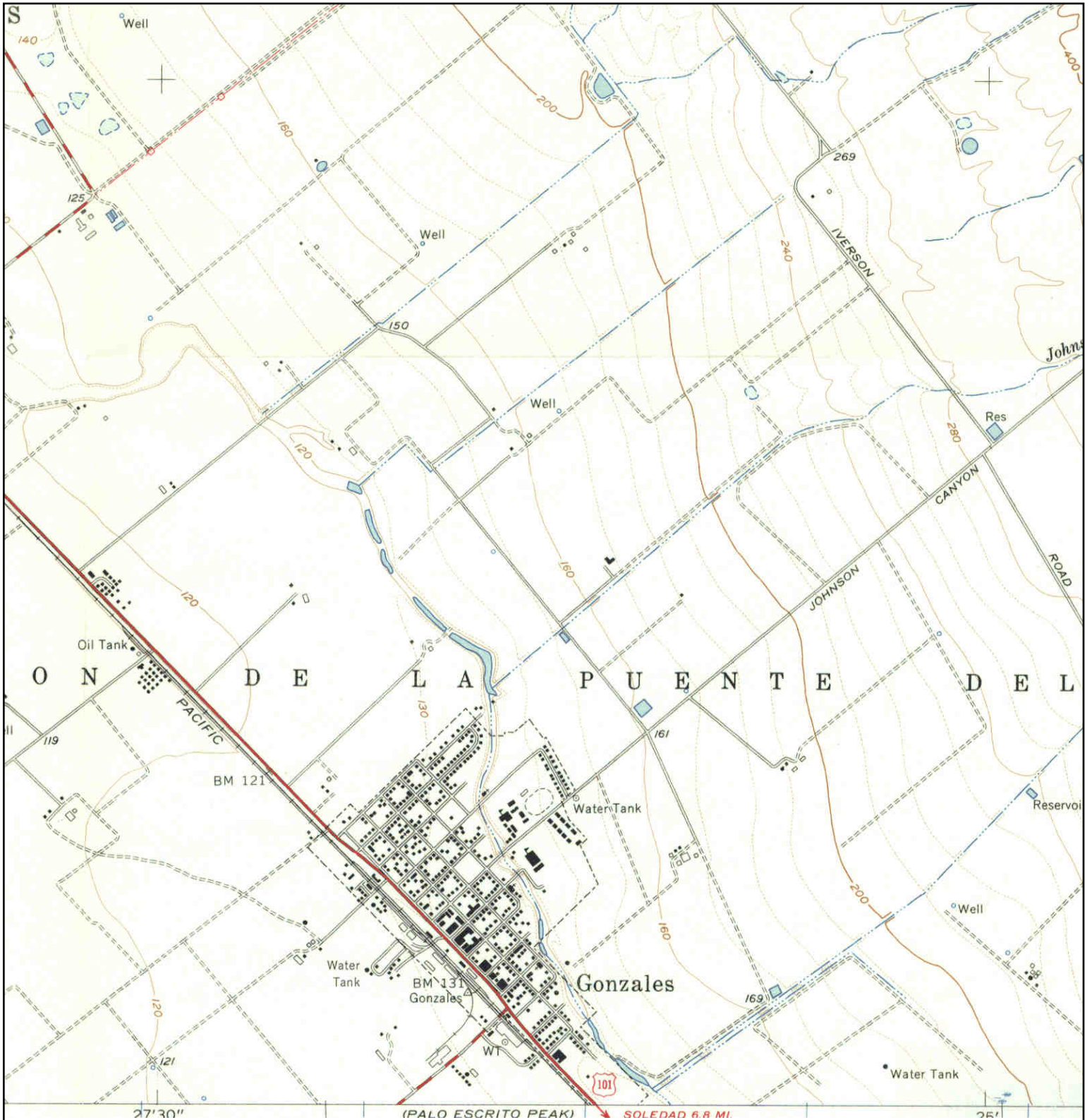
<p>N ↑</p>	<p>TARGET QUAD NAME: GONZALES MAP YEAR: 1941</p>	<p>SITE NAME: Gonzales ADDRESS: 5th Street and Gabilan Court Gonzales, CA 93926 LAT/LONG: 36.5112 / -121.4389</p>	<p>CLIENT: Rincon CONTACT: Jake Lippman INQUIRY#: 3340733.4 RESEARCH DATE: 06/08/2012</p>
	<p>SERIES: 15 SCALE: 1:62500</p>		

Historical Topographic Map



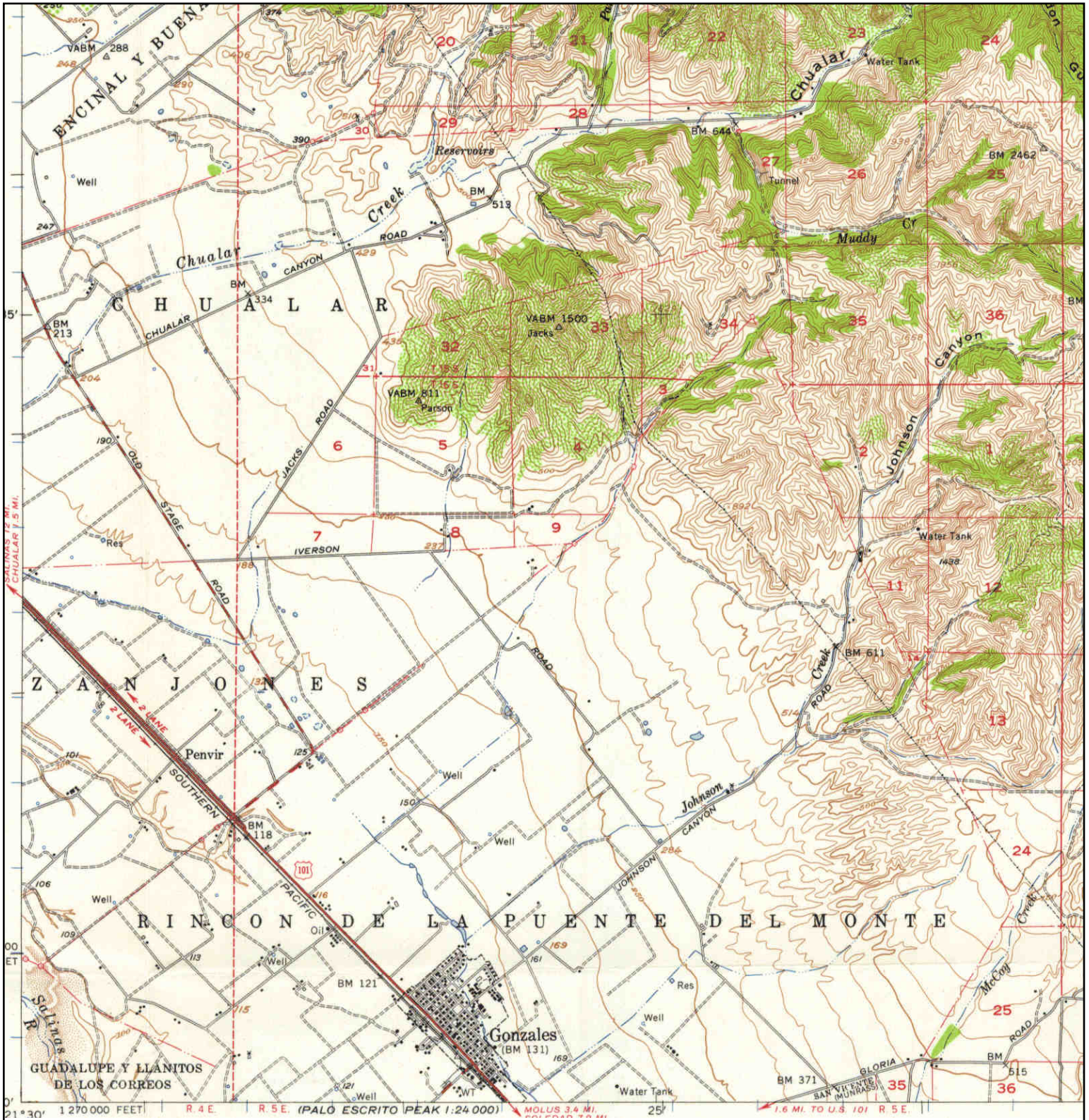
<p>N</p> 	TARGET QUAD	SITE NAME: Gonzales	CLIENT: Rincon
	NAME: GONZALES	ADDRESS: 5th Street and Gabilan Court	CONTACT: Jake Lippman
	MAP YEAR: 1947	LAT/LONG: 36.5112 / -121.4389	INQUIRY#: 3340733.4
	SERIES: 15		RESEARCH DATE: 06/08/2012
	SCALE: 1:50000		

Historical Topographic Map



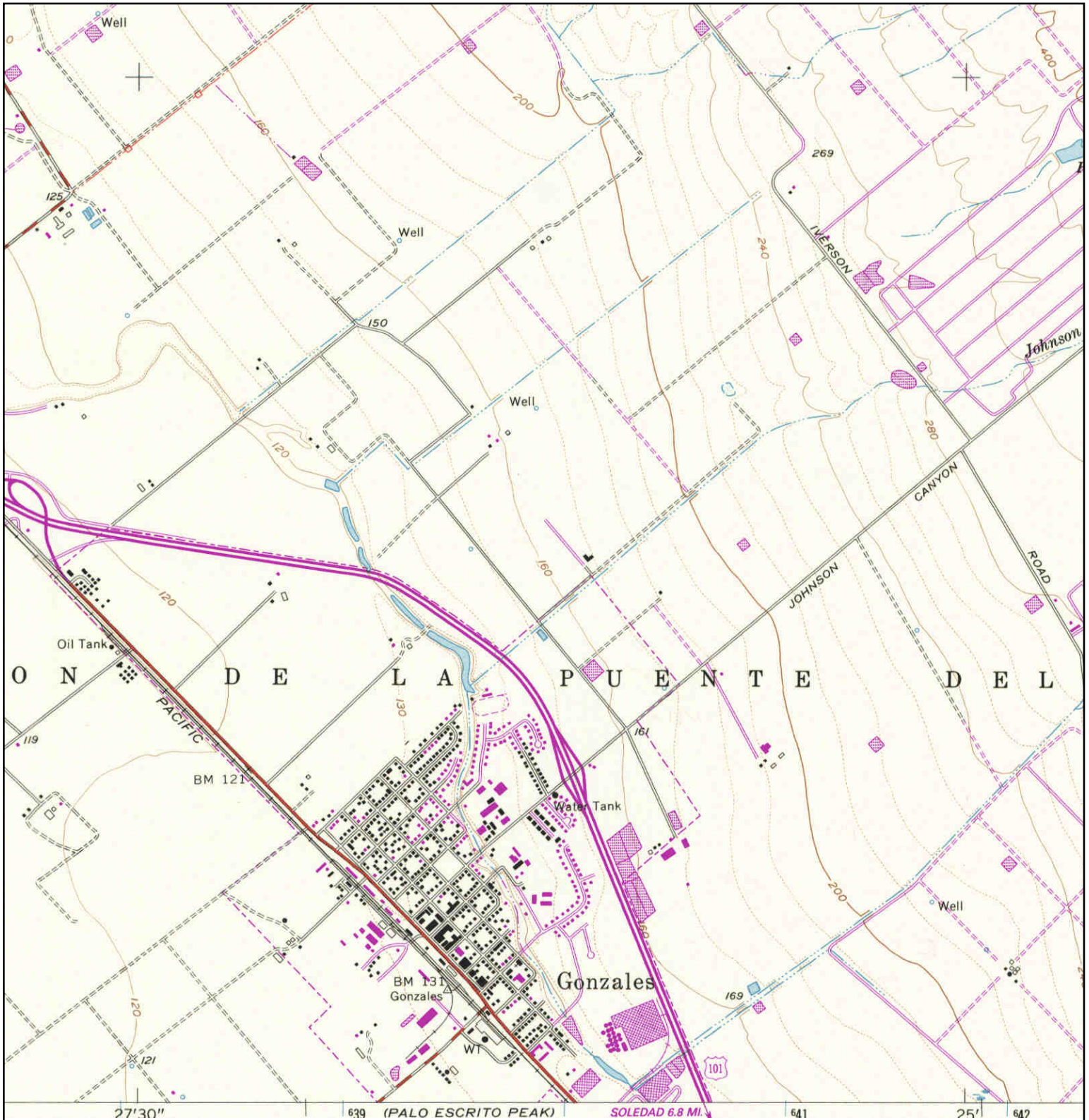
	TARGET QUAD NAME: GONZALES MAP YEAR: 1955	SITE NAME: Gonzales ADDRESS: 5th Street and Gabilan Court Gonzales, CA 93926 LAT/LONG: 36.5112 / -121.4389	CLIENT: Rincon CONTACT: Jake Lippman INQUIRY#: 3340733.4 RESEARCH DATE: 06/08/2012
	SERIES: 7.5 SCALE: 1:24000		

Historical Topographic Map



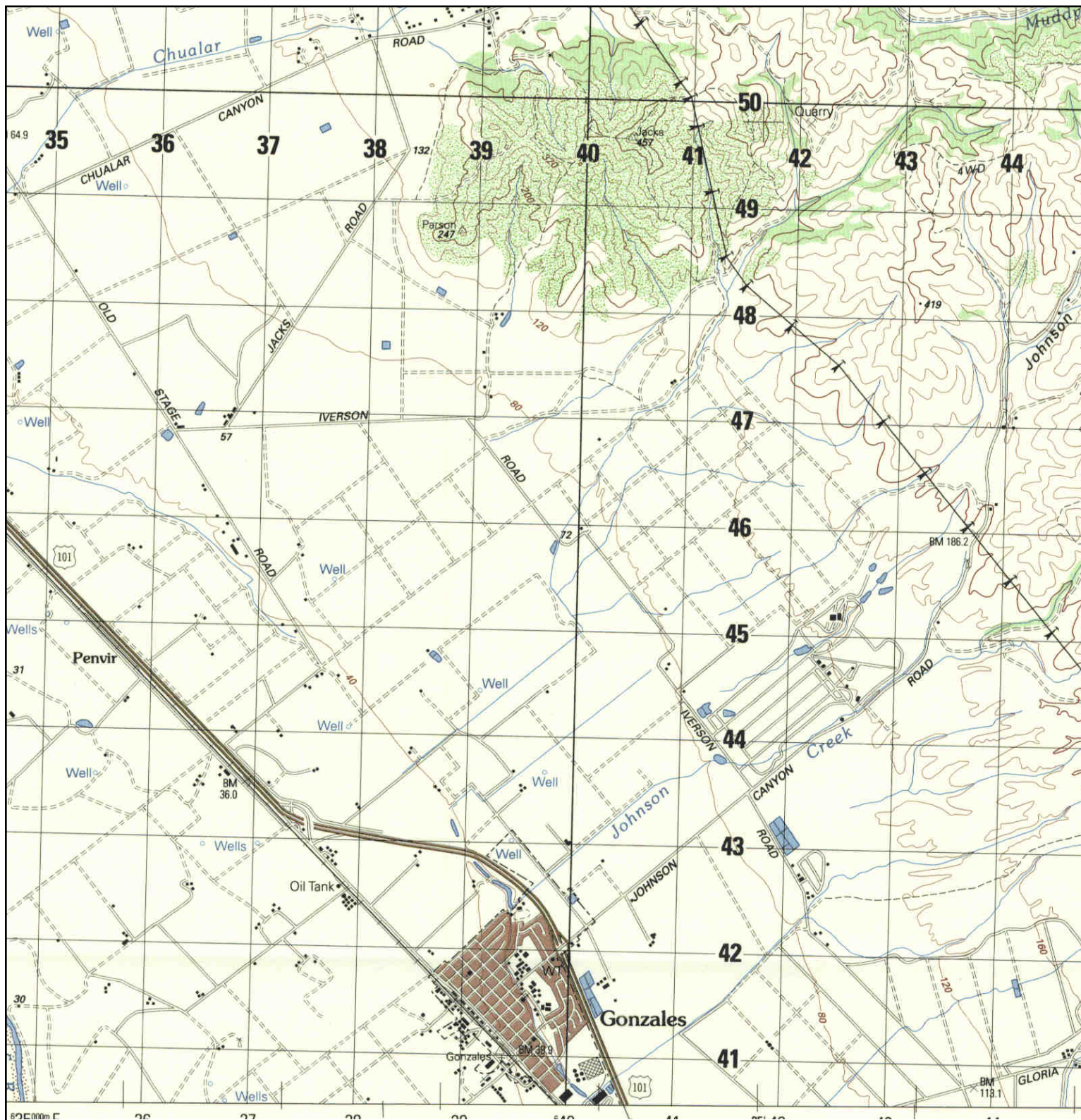
	TARGET QUAD NAME: GONZALES MAP YEAR: 1957	SITE NAME: Gonzales ADDRESS: 5th Street and Gabilan Court Gonzales, CA 93926 LAT/LONG: 36.5112 / -121.4389	CLIENT: Rincon CONTACT: Jake Lippman INQUIRY#: 3340733.4 RESEARCH DATE: 06/08/2012
	SERIES: 15 SCALE: 1:62500		


Historical Topographic Map



<p>N ↑</p>	TARGET QUAD	SITE NAME: Gonzales	CLIENT: Rincon
	NAME: GONZALES	ADDRESS: 5th Street and Gabilan Court	CONTACT: Jake Lippman
	MAP YEAR: 1984	Gonzales, CA 93926	INQUIRY#: 3340733.4
	PHOTOREVISED FROM :1955	LAT/LONG: 36.5112 / -121.4389	RESEARCH DATE: 06/08/2012
	SERIES: 7.5		
	SCALE: 1:24000		

Historical Topographic Map



<p>N</p> 	<p>TARGET QUAD</p> <p>NAME: GONZALES</p> <p>MAP YEAR: 1987</p>	<p>SITE NAME: Gonzales</p> <p>ADDRESS: 5th Street and Gabilan Court Gonzales, CA 93926</p> <p>LAT/LONG: 36.5112 / -121.4389</p>	<p>CLIENT: Rincon</p> <p>CONTACT: Jake Lippman</p> <p>INQUIRY#: 3340733.4</p> <p>RESEARCH DATE: 06/08/2012</p>
	<p>SERIES: 15</p> <p>SCALE: 1:50000</p>		

Gonzales

5th Street and Gabilan Court
Gonzales, CA 93926

Inquiry Number: 3340733.6
June 19, 2012

The EDR-City Directory Image Report

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Executive Summary

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with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2002	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1996	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1991	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1987	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1981	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1974	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory

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FINDINGS

TARGET PROPERTY STREET

5th Street and Gabilan Court
Gonzales, CA 93926

No Addresses Found

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

5th Street

2002	pg. A1	Haines Criss-Cross Directory
2002	pg. A2	Haines Criss-Cross Directory
1996	pg. A3	Haines Criss-Cross Directory
1991	pg. A4	Haines Criss-Cross Directory
1987	pg. A5	Haines Criss-Cross Directory
1981	pg. A6	Haines Criss-Cross Directory
1974	pg. A7	Haines Criss-Cross Directory

Gablian Court

2002	pg. A8	Haines Criss-Cross Directory
1996	pg. A9	Haines Criss-Cross Directory
1996	pg. A10	Haines Criss-Cross Directory
1991	pg. A11	Haines Criss-Cross Directory
1987	pg. A12	Haines Criss-Cross Directory
1981	pg. A13	Haines Criss-Cross Directory
1974	-	Haines Criss-Cross Directory

Street not listed in Source

City Directory Images

5th Street

2002

5TH 93926 GONZALES

WEALTH CODE 2.0

11	●	●KNUDTSON M B	831-675-3396	1
23	●	●PALACIO Kikue	OO	+2
30	APARTMENTS		
		CAMACHO Primitivo	831-675-8048	1
		CORTEZ Gloria	831-675-0453	+2
		MADRID Maribel	831-675-8743	1
		TEJEDA Demetrio	831-675-9003	1
		ZEPEDA Martha	831-675-2365	+2
30			
31	●	●PHILLIPS Todd	OO	+2
32		JACINTO Martina	831-675-0906	1
47	●	●MUNOZ Antonio	831-675-2581	1
109	●	●BASALDUA Manuel	831-675-3014	1
123	●	●ARELLANO F	OO	+2
125	●	●SANTILLANES Mary	831-675-3861	1
137	●	●VALDEZ Jesus	OO	+2
147	●	●MOWERY Gabriela	831-675-2423	+2
	●	●MOWREY Michael	OO	+2
202		OSUNA Lonzo J	831-675-0776	+2
	●	●REAVES Olson	OO	+2
214	●	●REAVES Olson	OO	+2
222	●	●KINNEAR John	OO	+2
226	●	●CORREA Armando	OO	+2
300		OCHOA Mata Maria A	831-675-2935	1
325	●	●MUNOZ Antonio	OO	+2
341	●	●VOSTI John	831-675-8116	1
	●	●VOSTI Laura	831-675-8116	1
	●	●VOSTI Laura	831-675-3938	1
	●	●VOSTI Roger	831-675-3938	1
350		BARRERA Miguel	831-675-2464	+2
		ORTEGA Maria	831-675-8526	1
399		JARAMILLO Adan	831-675-3689	+2
	●	●RIOS Jose	OO	+2
		SAUCEDA Briseida	831-675-2406	+2
401	●	●GUERRERO Jessica	OO	+2
415	●	●JURI Arthur P	831-675-3955	1
419	★	★AMERICAN LEGION POST 81	831-675-1120	1
501	★	★GONZALES HIGH SCHOOL	831-675-2495	1
	★	★GONZALES HIGH SCHOOL	831-675-3964	1
	★	★GONZALES HIGH SCHOOL TRANSPRTN	831-675-2679	1

5th Street 2002

Address	Business Name	Phone Number	Count
..5TH		93926 CONT	
507	●HERNANDEZ John Jr	831-675-2228	1
550	★ GONZALES HEAD START	831-675-9135	1
	★ LA GLORIA MIGRANT HEADSTART	831-675-2355	+2
701	MARQUEZ Abraham T	831-675-3626	1
704	JIMENEZ Santiago	831-675-8365	1
712	XXXX	OO	
715	●MARQUEZ Abraham	OO	+2
716	BARRAZA Gabino Jimenez	831-675-0613	1
785	APARTMENTS		
	DAMIAN Maria	831-675-8357	1
	LEON Rafael	831-675-2186	1
	MARTINEZ Luis	831-675-3028	1
	MATA Juan	831-675-7105	+2
	POLITRON Humberto	831-675-3135	1
	ROSALES Jose	831-675-1628	1
	SCHRAMM Richard	831-675-3944	1
	TORRES Antonio	831-675-1058	1
	TORREZ Nannette	831-675-1169	+2
	VALLADARES Everardo	831-675-1654	1
	VILLALOBOS Ruben V	831-675-7135	1
	VIORATO Joseph G	831-675-8559	1
785			
800	★ B C CONTRACTORS	831-675-2927	1
	★ FARMERS EXXON	831-675-3588	1
805	★ MCDONALDS RESTAURANT	831-675-8753	1
851	BUILDING		
	★ AUTOZONE	831-675-8444	0
	★ BARGAIN STORE THE	831-675-9466	1
	★ CAMINO CLEANERS&LAUNDRY 3	831-675-3339	1
	★ DAIRY QUEEN	831-675-2707	1
	★ DENTISTS ON DUTY	831-675-1360	1
	★ EL RODEO WESTERN WEAR	831-675-3113	+2
	★ GONZALES BRANCH LIBRARY	831-675-2209	9
	★ GONZALES WASH&DRY	831-675-2752	+2
	★ HAIR CUT	831-675-7712	1
	★ LITTLE CAESAR'S PIZZA PIZZA	831-675-3300	1
	★ LUISANAS CLOTHING	831-675-0334	1
	★ MONTEREY CO LIBRARY	831-675-2209	4
	★ MORALES JEWELRY	831-675-0603	+2
	★ PAYLESS SHOE SOURCE	831-675-7028	1
	★ SUBWAY SANDWICHES&SALADS	831-675-3437	1
	★ SUPER MAX	831-675-0225	1
	★ VALLEY DONUTS	831-675-3653	1
851			
	★ 26 BUS 52 RES 26 NEW		

5th Street

1996

316	ACOSTA Linda	675-9473	5
	ACOSTA Rafael	675-9473	
324	XXXX	00	
325	XXXX	00	
341	VOSTI John	675-3938	
399	MERJIL Chris D	675-2172	0
401	XXXX	00	
404	XXXX	00	
415	JURI Arthur P	675-3955	3
419	★AMER LGN POST 81	675-1120	3
501	★GONZALES HIGH SC	675-2495	
	★GONZALES HIGH SC	675-3964	3
	★GONZALES HIGH SC	675-2679	3
507	HERNANDEZ John Jr	675-2228	
510	XXXX	00	
701	MARQUEZ Abraham T	675-3626	2
704	XXXX	00	
706	XXXX	00	
708	XXXX	00	
710	XXXX	00	
716	BARRERA Maria S	675-0269	+6
718	XXXX	00	
785.....	TOWER APTS		
	BANDA Juan Carlos	675-7815	+6
	GARCIAMARTINEZ I	675-0936	5
	GONZALEZ Juan	675-2348	5
	NAZARIO Consuelo	675-9152	5
	RIVAS Jesus	675-3118	1
	SANTOS Jose	675-3761	5
	VARGAS Jose Luis	675-2131	8
785.....			
800	★AMER AG TRANSPRTN	675-0185	+6
	★GOLDEN EQUIPMENT	675-7103	+6
	★HAIR GALAXY BTY SLN	675-2909	3
801	★GOLDEN WEST RSTRNT	675-1131	2

5th Street

1991

Target Street	Cross Street	Source
5TH		93926 CONT
316	XXXX	00
324	BARRERA Jose Luis	675-2173
325	XXXX	00
341	VOSTI John	675-3938
399	MERJIL Chris D	675-2172 0
401	XXXX	00
404	★AMER LEGION 81	675-1120 7
415	JURI Arthur P	675-3955
501	★GONZALES HI SC	678-2661
	★GONZALES HI TRNSPTN	675-2679 +1
	★GONZALES HIGH SC	675-2495 5
507	HERNANDEZ John Jr	675-2228
510	XXXX	00
701	XXXX	00
704	VILLEGAS Moises	675-0455 +1
706	XXXX	00
708	XXXX	00
710	XXXX	00
714	PEREZ Rafael	675-0429 +1
716	PEREZ J Guadalupe	675-0240 +1
718	XXXX	00
785	TOWER APTS	
	ACOSTA Gloria	675-3531
	ACOSTA Ygnacio	675-3531
	AELJANDRE Hector	675-2104 +1

5th Street

1987

300	RAMIREZ SILVESTRE	675-2629	+7
304	XXXX	00	
316	RENDON CARLOS	675-2139	+7
324	BARRERA JOSE LUIS	675-2173	9
	LOPEZ LUIS	675-2890	9
325	ROSS GLEN A	675-2144	
341	VOSTI JOHN	675-3938	
399	PIHL JOHN	675-1105	+7
401	TUCK DONALD L	675-2169	9
404	★AMER LEGION 81	675-1120	+7
415	JURI ARTHUR P	675-3955	
501	★GONZALES HGH SC	675-2679	6
	★GONZALES HIGH SC	675-2495	5
	★GONZALES HIGH SCHL	678-2661	8
507	HERNANDEZ JOHN JR	675-2228	8
510	XXXX	00	
701	OLIVEIRA GEO	675-3842	
704	XXXX	00	
706	TORRES JESUS PEREZ	675-3529	4
708	XXXX	00	
710	XXXX	00	
712	TORRES JUAN M	675-2703	6
714	AMADOR JUAN	675-3267	+7
718	XXXX	00	
NO #	CHARLES ALEJANDRA	675-2559	+7
NO #	DESANTIAGO JUAN	675-3949	5
NO #	DOMINGUEZ FELIPA E	675-2026	3
NO #	GUZMAN TIBURCIO	675-2819	2
NO #	HERRERA A	675-3471	6
NO #	MARQUEZ ADRIAN	675-2160	
NO #	MARQUEZ MARIA E	675-2693	9
NO #	MUNGIA ANTONIO	675-2066	+7
NO #	SANCHEZ FERNANDO	675-3536	6
NO #	TORRES CORNELIO	675-3802	6
★	4 BUS	50 RES	7 NEW

5th Street

1981

137	WEIAND WM	675-3033 +1
147	NIELSEN JENS A	675-3705
214	LAVALLEE RICHARD C	675-2710 9
222	DOANE LEROY B	675-3789
226	CORREA ARMANDO	675-2561 9
300	REYES MARGARITO	675-2719 +1
304	XXXX	00
316	XXXX	00
324	BARRERA JOSE L	675-2173 9
	LOPEZ LUIS	675-2890 9
325	ROSS GLEN A	675-2144
341	VOSTI JOHN	675-3938
401	TUCK DONALD L	675-2169 9
415	JURI ARTHUR P	675-3955
501	ENTITLEMENT PROJECT	678-1383 +1
	GONZALES HIGH SCHL	678-2661 8
507	HERNANDEZ JOHN JR	675-2228 8
510	GONZALES HIGH SCHL	675-2495 7
701	OLIVEIRA GEO	675-3842 7
704	XXXX	00
706	MENEGHINI JOS	675-2760 8
718	OJEDA DAVID	675-2900 +1
NO #	BANDA JOSE LUIS	675-3432 +1
NO #	CARRILLO JOSE C	675-2738 8
NO #	FERNANDES ROSIE	675-3093
NO #	MARQUEZ ADRIAN	675-2160 6
NO #	MARQUEZ MARIA E	675-2693 9
NO #	MENDEZ GENOVEVA	675-2959 +1
NO #	RAMIREZ RAUL	675-3243 +1
★	3 BUS	39 RES
		7 NEW

5th Street

1974

Target Street	Cross Street	Source
.. 5TH		93926 CONT..
3168	WISHMEYER DAVID	675-2623+4
325	ROSS GLEN A	675-2144
341	VOSTI JOHN	675-3938
415	JURI ARTHUR P	675-3955
501*	GONZALES HIGH SCHL	675-3666
	*GONZALES HIGH SCHL	675-2163
	*GONZALES HIGH SCHL	678-2661
	*LICANO JOSE ESL	675-2381
507	VELASQUEZ GILBERT	675-2586
712	JOHNSTON KENZADA	675-3092+4
714	HORWATH STEPHEN C	675-2396
NO #	ALMEIDA MANUEL S	675-3840+4
NO #	DIETZMAN ROSE MRS	675-3057
NO #	FERNANDES ROSIE	675-3093
NO #	GOMEZ REFUIGO	675-2685+4
	* 4 BUS 28 RES	7 NEW

Gablian Court

2002

GABILAN CT 93926

GONZALES

WEALTH CODE 2.0

401	GONZALES Benjamin	831-675-0418	+2
402	XXXX	00	
405	XXXX	00	
406	XXXX	00	
409	GUILLEN Aurelia	831-675-2507	7
	GUILLEN Robert M	831-675-3295	+2
410	XXXX	00	
417	XXXX	00	
418	AGIRRE Isabel	831-675-0465	+2
421	GUAJARDO Nabor	831-675-2300	7
422	XXXX	00	
429	XXXX	00	
432	VALDEZ Mauricio	831-675-3946	+2
437	ROMERO Erlinda C	831-675-7504	1
438	XXXX	00	
441	XXXX	00	
442	XXXX	00	
★	0 BUS	17 RES	4 NEW

Gablian Court

1996

**GABILAN CT 93926
GONZALES**

WEALTH CODE 2.0

402 MORONES Francisco 675-3583 8

Gablian Court

1996

Target Street	Cross Street	Source
GABILAN CT		93926 CONT..
405	XXXX	00
406	LOPEZ Ignacio	675-2322 5
409	XXXX	00
410	XXXX	00
417	XXXX	00
418	XXXX	00
429	GUAJARDO Nabor	675-2300 2
432	XXXX	00
433	XXXX	00
437	XXXX	00
438	XXXX	00
★	0 BUS	12 RES 0 NEW

Gablian Court

1991

GABILAN CT 93926

GONZALES

402	MORONES Francisco	675-3583	8
405	XXXX	00	
409	XXXX	00	
410	GUAJARDO Nabor	675-2300	
417	XXXX	00	
418	MARTINEZ Julio	675-2812	8
421	XXXX	00	
422	ORNELAS Rosa Maria	675-2806	9
429	XXXX	00	
432	XXXX	00	
433	XXXX	00	
437	XXXX	00	
438	DEHOYOS Jose	675-2070	7
441	XXXX	00	
442	XXXX	00	

★ 0 BUS 15 RES 0 NEW

Gablian Court

1987

GABILAN CT 93926

GONZALES

402	XXXX	00
405	XXXX	00
409	MALDONADO A	675-0623 +7
410	GUAJARDO NABOR	675-2300 1
417	XXXX	00
418	XXXX	00
421	SILBA MARIA TERESA	675-2604 5
422	SILVA SALOMON	675-2806 6
429	XXXX	00
432	XXXX	00
433	OLIVARES JUAN	675-2592 6
437	GONZALEZ MARTIN M	675-2385
438	DEHOYOS JOSE	675-2070 +7
441	BESENAIZ CORINA	675-2796 +7
442	XXXX	00
★	0 BUS	15 RES 3 NEW

Gablian Court

1981

GABILAN CT 93926

GONZALES

402	XXXX	00
405	SANCHEZ IRMA	675-2932 +1
410	GUAJARDO NABOR	675-2300 +1
417	XXXX	00
418	TORRES SALBADOR	675-2794 9
421	MONTOYA AMELIA C	675-2559 +1
	MONTOYA ARTURO J	675-2559 +1
432	FLORES FRANCISCO	675-3569 +1
437	GONZALEZ MARTIN M	675-2385 6
438	MARISCAL HUMBERTO	675-2332 8
442	SANTIAGO JOHN A	675-3529 9
★	0 BUS	11 RES
		5 NEW



Gonzales

5th Street and Gabilan Court
Gonzales, CA 93926

Inquiry Number: 3340733.5

June 13, 2012

The EDR Aerial Photo Decade Package

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography June 13, 2012

Target Property:

5th Street and Gabilan Court

Gonzales, CA 93926

<u><i>Year</i></u>	<u><i>Scale</i></u>	<u><i>Details</i></u>	<u><i>Source</i></u>
1956	Aerial Photograph. Scale: 1"=555'	Flight Year: 1956	Aero
1967	Aerial Photograph. Scale: 1"=566'	Flight Year: 1967	USGS
1971	Aerial Photograph. Scale: 1"=555'	Flight Year: 1971	Western
1981	Aerial Photograph. Scale: 1"=690'	Flight Year: 1981	USGS
1987	Aerial Photograph. Scale: 1"=500'	/Composite DOQQ - acquisition dates: 1987	EDR
1989	Aerial Photograph. Scale: 1"=666'	Flight Year: 1989	USGS
2005	Aerial Photograph. Scale: 1"=500'	Flight Year: 2005	EDR



INQUIRY #: 3340733.5

YEAR: 1956

| = 555'





INQUIRY #: 3340733.5

YEAR: 1967

| = 566'





INQUIRY #: 3340733.5

YEAR: 1971

| = 555'





INQUIRY #: 3340733.5

YEAR: 1981

| = 690'





INQUIRY #: 3340733.5

YEAR: 1987

| = 500'





INQUIRY #: 3340733.5

YEAR: 1989

| = 666'





INQUIRY #: 3340733.5

YEAR: 2005

|—————| = 500'



Phase II Environmental Site Assessment

Phase II Environmental Site Assessment

**Gonzales Community Center
Gonzales, California**

Prepared for:

City of Gonzales

*This study was funded by
Community Development Block Grant (CDBG)
Planning & Technical Assistance
Grant No. 11-PTEC-7626*

Prepared by:

**Rincon Consultants, Inc.
April 30, 2013**





Rincon Consultants, Inc.

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www.rinconconsultants.com

April 30, 2013
Project 12-00079

Thomas Truskowski, Director
City of Gonzales, Community Development Department
147 Fourth Street, Gonzales, CA 93926

**Phase II Environmental Site Assessment
Gonzales Community Center
Gonzales, California**

Dear Mr. Truskowski:

This report presents the findings of a Phase II Environmental Site Assessment (ESA) completed by Rincon Consultants, Inc. for the proposed Gonzales Community Center located in Gonzales, California. The Phase II ESA was performed in general conformance with our Scope Amendment Request for Technical Studies dated March 26, 2013.

The accompanying report presents our findings and provides an opinion regarding the potential presence of lead and asbestos in soil on the subject property. Thank you for selecting Rincon for this project. If you have any questions, or if we can be of any future assistance, please contact us.

Sincerely,
RINCON CONSULTANTS, INC.

A handwritten signature in black ink, appearing to read "Jake Lippman", with a long horizontal line extending to the right.

Jake Lippman, GIT
Staff Geologist

A handwritten signature in blue ink, appearing to read "Walt Hamann", with a long horizontal line extending to the right.

Walt Hamann, PG, CEG, CHG
Vice President, Environmental Services

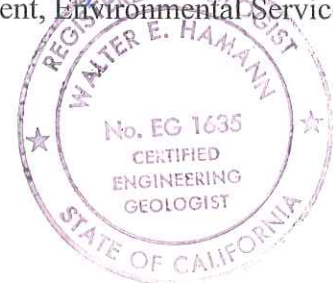


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GONZALES, CALIFORNIA

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EXECUTIVE SUMMARY

This report presents the results of a Phase II Environmental Site Assessment (ESA) conducted at the proposed Gonzales Community Center located in Gonzales, California (Figures 1 and 2). The purpose of this assessment was to obtain soil samples to determine if the soil on the subject property has been contaminated with lead and asbestos from former buildings on the subject property.

On April 11, 2013, 8 surface soil samples were collected using a hand trowel on the subject property. In addition, the surface of the subject property adjacent to 5th Street had been grubbed and stockpiled (Figure 2). Three soil samples from these stockpiles were collected. All surface soil samples were analyzed for lead by Environmental Protection Agency (EPA) Method 6010 and asbestos by polarized light microscopy.

Various concentrations of lead were detected in all surface soil samples (Table 1). The concentrations of lead detected in the soil samples range from 4.23 to 29.1 milligrams per kilogram (mg/kg).

The lead concentrations were compared to the California Human Health Risk Screening Level (CHHSL) for lead in residential soil and to naturally occurring background concentrations of lead in California soil. The CHHSLs are concentrations of hazardous chemicals in soil or soil gas that the California Environmental Protection Agency (Cal/EPA) considers to be below thresholds of concern for risks to human health. The CHHSLs were developed by the Office of Environmental Health Hazard Assessment (OEHHA) on behalf of Cal/EPA. The thresholds of concern used to develop the CHHSLs are an excess lifetime cancer risk of one-in-a-million and a hazard quotient of 1 for non-cancer health effects. The CHHSLs were developed using standard exposure assumptions and chemical toxicity values published by the United States EPA and Cal/EPA. The detected levels of lead did not exceed the lead CHHSL of 80 mg/kg and were within naturally occurring background concentrations of lead in California soil.

The lead concentrations were also compared to Total Threshold Limit Concentrations (TTLC) which are standards set by the California Code of Regulations (CCR), Title 22, Chapter 11. TTLCs represent the total concentration of a constituent that may be present before a waste is classified as a California hazardous waste. The detected levels of lead did not exceed the lead TTLC of 1,000 mg/kg. Therefore, the soil, if excavated, would not be classified as hazardous waste.

In addition, asbestos was not detected above laboratory detection limits in any of the soil samples analyzed for asbestos. Based on the results of this Phase II ESA, no further sampling is recommended on the subject property prior to development.



INTRODUCTION

This report presents the results of a Phase II Environmental Site Assessment (ESA) conducted at the proposed Gonzales Community Center located in Gonzales, California (Figures 1 and 2).

The following sections describe the purpose and scope of the project, the physical setting, sampling and analytical methodologies, provide the results of the sampling and analytical program, and provide conclusions and recommendations.

The purpose of this Phase II ESA was to obtain soil samples to determine if the soil on the subject property has been contaminated with lead and asbestos from former buildings on the subject property.

Our scope of work included the following:

- **Health and Safety Plan.** Rincon prepared a Health and Safety Plan to minimize the potential for health and safety hazards during the course of work performed at the subject property.
- **Utility Notification.** Rincon pre-marked boring locations and contacted Underground Service Alert (USA) to mark areas where underground utilities might be located on the subject property.
- **Soil Sampling.** Using a hand trowel, Rincon collected 8 surface soil samples and 3 soil samples from soil stockpiles on the subject property (Figure 2).
- **Laboratory Analysis.** Rincon analyzed all 11 soil samples for lead by Environmental Protection Agency (EPA) Method 6010 and asbestos by polarized light microscopy.
- **Reporting.** A summary of our findings is included in this report.

GEOLOGIC AND HYDROGEOLOGIC SETTING

Topography

The most recent USGS topographic map supplied by EDR (Gonzales Quadrangle, 1987) indicates that the subject property is situated at an elevation of approximately 50 feet above mean sea level and is flat.

Geology and Hydrogeology

Regional Geology

The subject property lies within the Coast Ranges Geomorphic Province of California. This province is characterized by northwest-trending mountain ranges (2,000 to 4,000, occasionally 6,000 feet elevation above sea level), and valleys. The ranges and valleys trend northwest, subparallel to the San Andreas Fault. Strata dip beneath alluvium of the Great Valley. To the west is the Pacific Ocean. The coastline is uplifted, terraced and wave-cut. The Coast Ranges are composed of thick Mesozoic and Cenozoic sedimentary strata. The northern and southern ranges are separated by a depression containing the San Francisco Bay. The northern Coast Ranges are dominated by irregular, knobby, landslide-topography of the Franciscan Complex. The eastern border is characterized by strike-ridges and valleys in Upper Mesozoic strata. In several areas, Franciscan rocks are overlain by volcanic cones and flows of the Quien Sabe, Sonoma and Clear Lake volcanic fields. The Coast Ranges are subparallel to the active San



Andreas Fault. The San Andreas is more than 600 miles long, extending from Point Arena to the Gulf of California. West of the San Andreas is the Salinian Block, a granitic core extending from the southern extremity of the Coast Ranges to the north of the Farallon Islands.

Site Geology

Based on our review of the Geologic Map of the Gonzales Quadrangle (Dibblee, Jr., 1973), the subject property is underlain by Quaternary alluvial sediment. The subject property is not located within an Alquist-Priolo fault zone.

Regional Groundwater Occurrence

According to the October 2011 Semi-Annual Groundwater Monitoring Event for the Garcia's Market site, as reviewed on the Regional Water Quality Control Board's (RWQCB) GeoTracker database, depth to groundwater ranged from 38.85 to 40.71 feet below grade and flowed towards the west on October 5, 2011. This site is located approximately 0.5 miles to the west-southwest of the subject property at 800 North Alta Street.

METHODOLOGY

Soil Borings

On April 11, 2013, 8 surface soil samples were collected using a hand trowel from the subject property (Figure 2). In addition, the surface of the subject property adjacent to 5th Street had been grubbed and stockpiled (Figure 2). Three soil samples from these stockpiles were collected. All sampling was performed under the oversight of a California Professional Geologist. The soil samples were collected in 8-ounce glass jars, labeled, and stored in a cooler with ice. The hand trowel was decontaminated between use by washing with Alconox detergent and water.

Laboratory Analysis

The soil samples were transported to Calscience Environmental Laboratories, Inc. of Garden Grove, California under chain-of-custody documentation. The soil samples were analyzed for lead by EPA Method 6010 and asbestos by polarized light microscopy.

RESULTS AND DISCUSSION

A summary of the analytical results are included in Table 1. A copy of the laboratory analytical report is included in Appendix 1. The results of the lead analyses were compared to the California Human Health Screening Level (CHHSL), Total Threshold Limit Concentration (TTLC), and naturally occurring background levels.

The CHHSLs are concentrations of hazardous chemicals in soil or soil gas that the California Environmental Protection Agency (Cal/EPA) considers to be below thresholds of concern for risks to human health. The CHHSLs were developed by the Office of Environmental Health Hazard Assessment (OEHHA) on behalf of Cal/EPA. The thresholds of concern used to develop the CHHSLs are an excess lifetime cancer risk of one-in-a-million and a hazard quotient of 1 for non-cancer health effects. The CHHSLs were developed using standard exposure assumptions and chemical toxicity values published by the United States EPA and Cal/EPA.



The TTLCs are standards set by the California Code of Regulations (CCR), Title 22, Chapter 11. TTLCs represent the total concentration of a constituent that may be present before a waste is classified as a California hazardous waste.

Lead

Various concentrations of lead were detected in all soil samples (Table 1). The concentrations of lead detected in the soil samples range from 4.23 to 29.1 milligrams per kilogram (mg/kg). The detected concentrations of lead did not exceed the CHHSL for lead in residential soil of 80 mg/kg and the TTLC for lead of 1,000 mg/kg. In addition, the concentrations of lead were within naturally occurring background concentrations of lead in California soil.

Asbestos

Asbestos was not detected above laboratory detection limits in all soil samples.

CONCLUSIONS

Based on the soil sampling results, lead was not detected above the residential CHHSL for lead and the concentrations of lead were within naturally occurring background concentrations of lead in California soil. Asbestos was not detected above laboratory detection limits. In addition, lead did not exceed its TTLC, therefore, the soil analyzed is not considered hazardous waste. Based on the results of this Phase II ESA, no further sampling is recommended on the subject property prior to development.

LIMITATIONS

This report has been prepared for and is intended for the exclusive use of the City of Gonzales. The contents of this report should not be relied upon by any other party without the written consent of Rincon Consultants, Inc.

Our conclusions regarding the subject property are based on the results of a limited subsurface sampling program. The results of this evaluation are qualified by the fact that only limited sampling and analytical testing was conducted during this assessment.

This scope was not intended to completely establish the quantities and distribution of contaminants present at the subject property or to determine the cost to remediate the subject property. The concentrations of contaminants measured at any given location may not be representative of conditions at other locations. Further, conditions may change at any particular location as a function of time in response to natural conditions, chemical reactions and other events. Conclusions regarding the condition of the subject property do not represent a warranty that all areas within the subject property are similar to those sampled.

REFERENCES

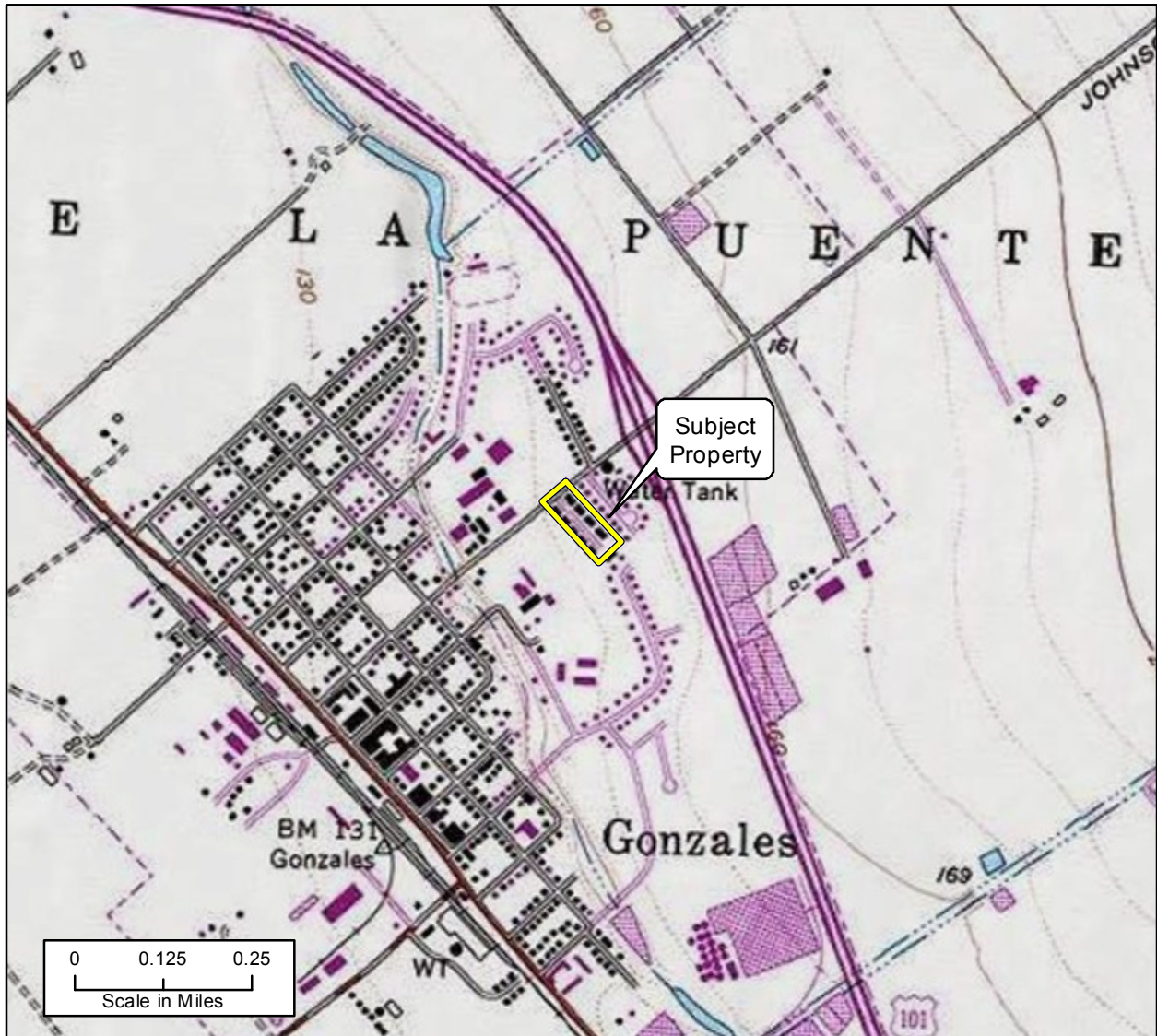
Groundwater:

GeoTracker Website maintained by the State Water Resources Control Board,
<http://www.geotracker.swrcb.ca.gov>.

Topography:

USGS topographic map (Gonzales Quadrangle, 1987)





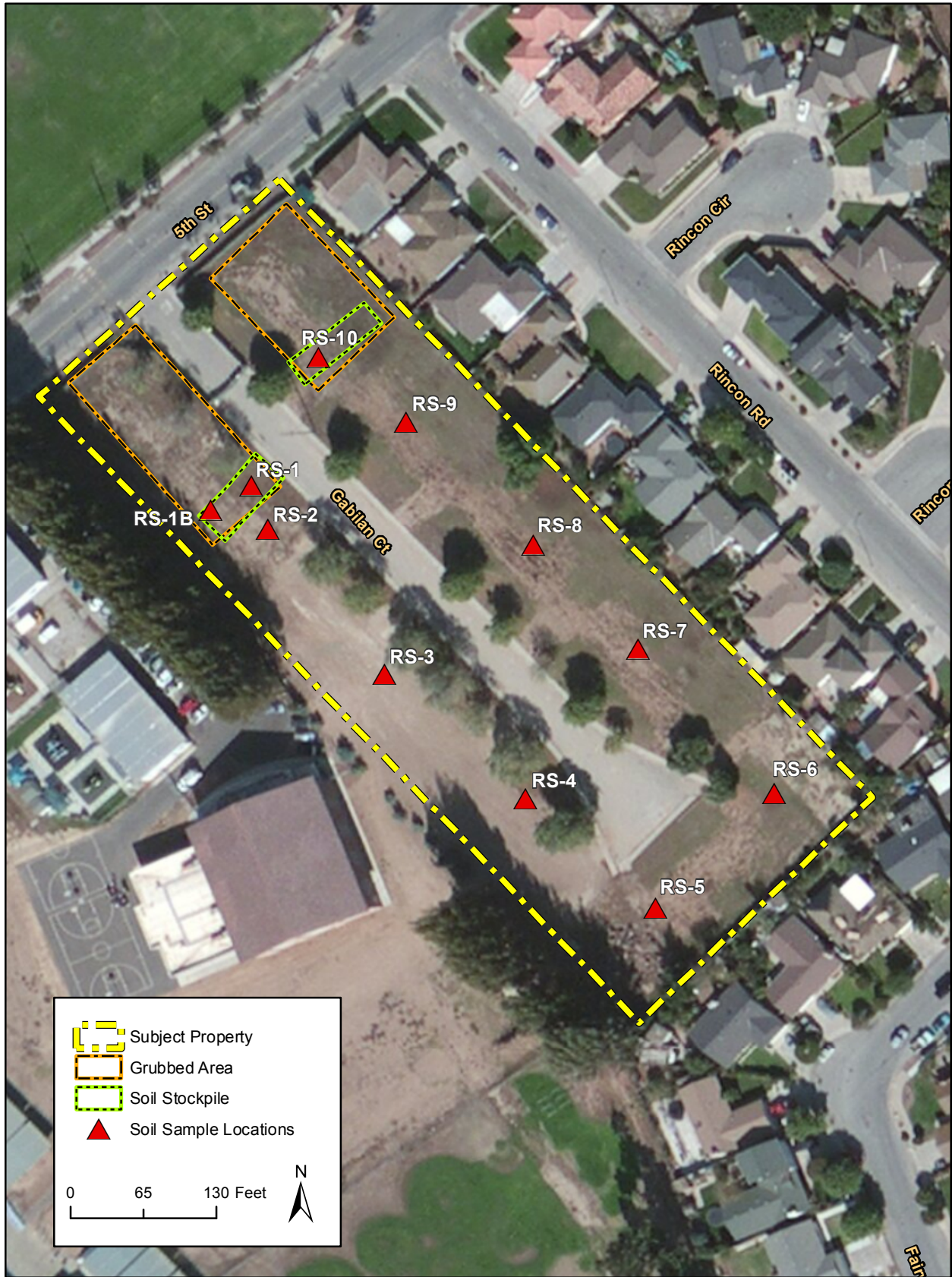
Imagery provided by ESRI and its licensors, 2012. USGS Topo, Copyright: © 2012 National Geographic Society. The topographic representation depicted in this map may not portray all of the features currently found in the vicinity today and/or features depicted in this map may have changed since the original topographic map was assembled.



Vicinity Map

Figure 1





Basemap: Source: Esri, i-cubed, USDA, USGS, AEX, GeoEye, Getmapping, Aerogrid, IGN, IGP, and the GIS User Community

Site Map

Figure 2

Table 1 - Soil Analytical Results - Lead and Asbestos
 Gonzales Community Center
 Gonzales, California

Soil Sampling ID	Lead (mg/kg)	Asbestos
RS-1	12.1	ND
RS-1B	16.8	ND
RS-2	17.2	ND
RS-3	24	ND
RS-4	4.23	ND
RS-5	12.3	ND
RS-6	11.3	ND
RS-7	29.1	ND
RS-8	5.45	ND
RS-9	5.31	ND
RS-10	11.8	ND
Laboratory Reporting Limit	0.5	
Residential CHHSL	80	
TTLIC	1,000	

CHHSL = California Human Health Screening Level for Residential Soils (2010)

mg/kg = milligrams per kilogram

TTLIC = total threshold limit concentration

ND = not detected above laboratory detection limits

Appendix 1

Analytical Laboratory Report



CALSCIENCE

WORK ORDER NUMBER: 13-04-0975

The difference is service



AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Rincon Consultants

Client Project Name: City of Gonzales

Attention: Jake Lippman
180 North Ashwood Ave.
Ventura, CA 93003-1810

Ranjit K. Clarke

Approved for release on 04/29/2013 by:
Ranjit Clarke
Project Manager

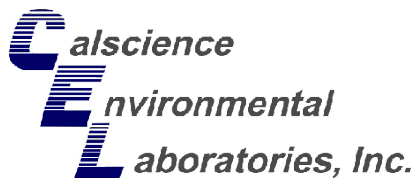
ResultLink ▶

Email your PM ▶



Calscience Environmental Laboratories, Inc. (Calscience) certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any litigation which may arise.





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Client Project Name: City of Gonzales
Work Order Number: 13-04-0975

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3	Quality Control Sample Data	7
	3.1 MS/MSD and/or Duplicate	7
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5	Glossary of Terms and Qualifiers	10
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Condition Upon Receipt:

Samples were received under Chain of Custody (COC) on 04/12/2013. They were assigned to Work Order 13-04-0975.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with an immediate holding time (HT \leq 15 minutes --40CFR-136.3 Table II footnote 4), is considered a "field" test and reported samples results are not flagged unless the analysis is performed beyond 24 hours of the time of collection.

Quality Control:

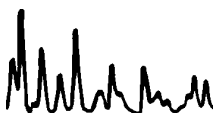
All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Additional Comments:

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

Subcontract Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.



Work Order # 13-04-0975

One or more samples in this Work Order have tests that were subcontracted. The subcontract report(s) follows.

For subcontracted tests, please reference the laboratory information noted below.

- 1 EMSL- LA Testing - Garden Grove,CA CA ELAP 1406
Asbestos

Analytical Report



Rincon Consultants
 180 North Ashwood Ave.
 Ventura, CA 93003-1810

Date Received: 04/12/13
 Work Order No: 13-04-0975
 Preparation: EPA 3050B
 Method: EPA 6010B

Project: City of Gonzales

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
RS-1	13-04-0975-1-A	04/11/13 14:50	Solid	ICP 7300	04/15/13	04/15/13 22:17	130415L02

Parameter	Result	RL	DF	Qual	Units
Lead	12.1	0.500	1		mg/kg

RS-1B	13-04-0975-2-A	04/12/13 14:55	Solid	ICP 7300	04/15/13	04/15/13 22:19	130415L02
-------	----------------	----------------	-------	----------	----------	----------------	-----------

Parameter	Result	RL	DF	Qual	Units
Lead	16.8	0.500	1		mg/kg

RS-2	13-04-0975-3-A	04/12/13 15:00	Solid	ICP 7300	04/15/13	04/15/13 22:20	130415L02
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Parameter	Result	RL	DF	Qual	Units
Lead	17.2	0.500	1		mg/kg

RS-3	13-04-0975-4-A	04/12/13 15:07	Solid	ICP 7300	04/15/13	04/15/13 22:21	130415L02
------	----------------	----------------	-------	----------	----------	----------------	-----------

Parameter	Result	RL	DF	Qual	Units
Lead	24.0	0.500	1		mg/kg

RS-4	13-04-0975-5-A	04/12/13 15:13	Solid	ICP 7300	04/15/13	04/15/13 22:22	130415L02
------	----------------	----------------	-------	----------	----------	----------------	-----------

Parameter	Result	RL	DF	Qual	Units
Lead	4.23	0.500	1		mg/kg

RS-5	13-04-0975-6-A	04/12/13 15:21	Solid	ICP 7300	04/15/13	04/15/13 22:23	130415L02
------	----------------	----------------	-------	----------	----------	----------------	-----------

Parameter	Result	RL	DF	Qual	Units
Lead	12.3	0.500	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report



Rincon Consultants
180 North Ashwood Ave.
Ventura, CA 93003-1810

Date Received: 04/12/13
Work Order No: 13-04-0975
Preparation: EPA 3050B
Method: EPA 6010B

Project: City of Gonzales

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
RS-6	13-04-0975-7-A	04/12/13 15:25	Solid	ICP 7300	04/15/13	04/15/13 22:25	130415L02

Parameter	Result	RL	DF	Qual	Units
Lead	11.3	0.500	1		mg/kg

RS-7	13-04-0975-8-A	04/12/13 15:30	Solid	ICP 7300	04/15/13	04/15/13 22:29	130415L02
------	----------------	----------------	-------	----------	----------	----------------	-----------

Parameter	Result	RL	DF	Qual	Units
Lead	29.1	0.500	1		mg/kg

RS-8	13-04-0975-9-A	04/12/13 15:32	Solid	ICP 7300	04/15/13	04/15/13 22:30	130415L02
------	----------------	----------------	-------	----------	----------	----------------	-----------

Parameter	Result	RL	DF	Qual	Units
Lead	5.45	0.500	1		mg/kg

RS-9	13-04-0975-10-A	04/12/13 15:38	Solid	ICP 7300	04/15/13	04/15/13 22:31	130415L02
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Parameter	Result	RL	DF	Qual	Units
Lead	5.31	0.500	1		mg/kg

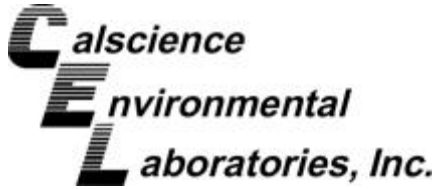
RS-10	13-04-0975-11-A	04/12/13 15:40	Solid	ICP 7300	04/15/13	04/15/13 22:33	130415L02
-------	-----------------	----------------	-------	----------	----------	----------------	-----------

Parameter	Result	RL	DF	Qual	Units
Lead	11.8	0.500	1		mg/kg

Method Blank	097-01-002-16,722	N/A	Solid	ICP 7300	04/15/13	04/15/13 22:00	130415L02
--------------	-------------------	-----	-------	----------	----------	----------------	-----------

Parameter	Result	RL	DF	Qual	Units
Lead	ND	0.500	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Spike/Spike Duplicate



Rincon Consultants
 180 North Ashwood Ave.
 Ventura, CA 93003-1810

Date Received: 04/12/13
 Work Order No: 13-04-0975
 Preparation: EPA 3050B
 Method: EPA 6010B

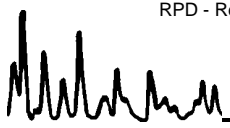
Project City of Gonzales

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
13-04-0927-1	Solid	ICP 7300	04/15/13	04/15/13	130415S02

Parameter	<u>SAMPLE CONC</u>	<u>SPIKE ADDED</u>	<u>MS CONC</u>	<u>MS %REC</u>	<u>MSD CONC</u>	<u>MSD %REC</u>	<u>%REC CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
Lead	311.6	25.00	486.1	4X	346.9	4X	75-125	4X	0-20	Q

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit





Rincon Consultants
 180 North Ashwood Ave.
 Ventura, CA 93003-1810

Date Received: N/A
 Work Order No: 13-04-0975
 Preparation: EPA 3050B
 Method: EPA 6010B

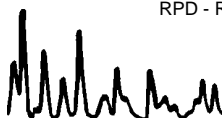
Project: City of Gonzales

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
097-01-002-16,722	Solid	ICP 7300	04/15/13	130415-I-02__298.icp	130415L02

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Lead	25.00	24.87	99	80-120	

Return to Contents

RPD - Relative Percent Difference , CL - Control Limit



WORK ORDER #: 13-04-0975

<i>Lab Sample Number</i>	<i>Client Sample ID</i>	<i>Method</i>	<i>Extraction</i>	<i>Date/Time Analyzed</i>	<i>Chemist ID</i>	<i>Instrument</i>	<i>Analytical Location</i>
1-A	RS-1	EPA 6010B	EPA 3050B	04/15/2013 22:17	598	ICP 7300	1
2-A	RS-1B	EPA 6010B	EPA 3050B	04/15/2013 22:19	598	ICP 7300	1
3-A	RS-2	EPA 6010B	EPA 3050B	04/15/2013 22:20	598	ICP 7300	1
4-A	RS-3	EPA 6010B	EPA 3050B	04/15/2013 22:21	598	ICP 7300	1
5-A	RS-4	EPA 6010B	EPA 3050B	04/15/2013 22:22	598	ICP 7300	1
6-A	RS-5	EPA 6010B	EPA 3050B	04/15/2013 22:23	598	ICP 7300	1
7-A	RS-6	EPA 6010B	EPA 3050B	04/15/2013 22:25	598	ICP 7300	1
8-A	RS-7	EPA 6010B	EPA 3050B	04/15/2013 22:29	598	ICP 7300	1
9-A	RS-8	EPA 6010B	EPA 3050B	04/15/2013 22:30	598	ICP 7300	1
10-A	RS-9	EPA 6010B	EPA 3050B	04/15/2013 22:31	598	ICP 7300	1
11-A	RS-10	EPA 6010B	EPA 3050B	04/15/2013 22:33	598	ICP 7300	1


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<i>Location</i>	<i>Description</i>
1	7440 Lincoln Way, Garden Grove, CA 92841

Work Order Number: 13-04-0975

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS/LCSD Recovery Percentage is within Marginal Exceedance (ME) Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

For any analysis identified as a "field" test with a holding time (HT) \leq 15 minutes where the sample is received outside of HT, CalScience will adhere to its internal HT of 24 hours. In cases where sample analysis does not meet CalScience's internal HT, results will be appropriately qualified.



CHAIN OF CUSTODY RECORD

DATE: 4/11/2013
PAGE: 1 OF 2

7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 . FAX: (714) 894-7501

LABORATORY CLIENT:
RINCON CONSULTANTS
ADDRESS:
180 N. ASHWOOD AVE.
CITY: VENTURA CA STATE: CA ZIP: 93003
E-MAIL: jlippman@rinconconsultants.com
tdelaney@rinconconsultants.com
TEL: (805) 644-4455

CLIENT PROJECT NAME / NUMBER:
CITY OF GDN ZALES
PROJECT CONTACT:
JAKE LIPPMAN
P.O. NO.: 12-00079
SAMPLER(S): (PRINT)
TIM DELANEY

TURNAROUND TIME:
 SAME DAY 24 HR 48 HR 72 HR 5 DAYS 10 DAYS

COELT EDF

SPECIAL INSTRUCTIONS:

GLOBAL ID:

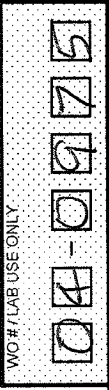
LOG CODE:

LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	LOG CODE:		
		DATE	TIME			Unpreserved	Preserved	Field Filtered
1	RS-1	4/11/13	14:50	S	2	X		
2	RS-1B		14:55					
3	RS-2		15:00					
4	RS-3		15:07					
5	RS-4		15:13					
6	RS-5		15:21					
7	RS-6		15:25					
8	RS-7		15:30					
9	RS-8		15:32					
10	RS-9		15:38					

REQUESTED ANALYSES

TPH(g) or GRO	TPH(d) or DRO or (C6-C36) or (C6-C4)	TPH ()	BTEX / MTBE (8260) or ()	VOCs (8260)	Oxygenates (8260)	En Core / Terra Core Prep (5035)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PNAs (8310) or (8270)	T22 Metals (6010/747X)	Cr(VI) [7196 or 7199 or 218.6]	LEAD (6010 B)	ASBESTOS (600/R-93/116)
													X	X
													X	X
													X	X
													X	X
													X	X
													X	X
													X	X
													X	X
													X	X

Relinquished by: (Signature) *[Signature]* Received by: (Signature/Affiliation) *[Signature]* Date: 4/12/13 Time: 1:35
 Relinquished by: (Signature) *[Signature]* Received by: (Signature/Affiliation) *[Signature]* Date: 4/12/13 Time: 1:35
 Relinquished by: (Signature) *[Signature]* Received by: (Signature/Affiliation) *[Signature]* Date: 4/12/13 Time: 1:35



LABORATORY CLIENT: RINCON CONSULTANTS P.O. NO.: 12-00079
 ADDRESS: CITY OF GONZALES SAMPLER(S): (PRINT)
 PROJECT CONTACT: J. LIPPMAN

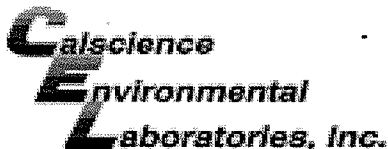
TEL: (805) 644-4435 E-MAIL:
 CITY: STATE: ZIP:
 TURNAROUND TIME:
 SAME DAY 24 HR 48 HR 72 HR 5 DAYS 10 DAYS
 COELT EDF GLOBAL ID:
 SPECIAL INSTRUCTIONS:

LAB USE ONLY	SAMPLE ID	DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	LOG CODE:		
						Unpreserved	Preserved	Field Filtered
11	RS-10	4/11/13	15:40	S	2	X		

Requested ANALYSES	TPH(g) or GRO	TPH(d) or DRO or (C6-C36) or (C6-C44)	TPH ()	BTEX / MTBE (8260) or ()	VOCs (8260)	Oxygenates (8260)	En Core / Terra Core Prep (5035)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PNAs (8310) or (8270)	T22 Metals (6010/747X)	Cr(VI) [7196 or 7199 or 218.6]	X	X	ASBESTOS (600/R-93/116)	Date:	Time:	
																		4/12/13	1800

Relinquished by: (Signature) [Signature]
 Relinquished by: (Signature) [Signature]
 Relinquished by: (Signature) [Signature]

Received by: (Signature/Affiliation) CEC
 Received by: (Signature/Affiliation) CA
 Received by: (Signature/Affiliation) [Signature]



WORK ORDER #: 13-04-0975

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Rincon Consultants

DATE: 04/12/13

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen except sediment/tissue)

Temperature 2.4 °C - 0.2 °C (CF) = 2.2 °C Blank Sample

Sample(s) outside temperature criteria (PM/APM contacted by: _____).

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: Air Filter Initial: Jr

CUSTODY SEALS INTACT:

Cooler _____ No (Not Intact) Not Present N/A Initial: Jr

Sample _____ No (Not Intact) Not Present Initial: JH

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
<input type="checkbox"/> No analysis requested. <input type="checkbox"/> Not relinquished. <input type="checkbox"/> No date/time relinquished.			
Sampler's name indicated on COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers and sufficient volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
pH / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours...	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Proper preservation noted on COC or sample container.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

CONTAINER TYPE:

Solid: 4ozCGJ 8ozCGJ 16ozCGJ Sleeve (____) EnCores® TerraCores® _____

Water: VOA VOAh VOAna₂ 125AGB 125AGBh 125AGBp 1AGB 1AGBna₂ 1AGBs

500AGB 500AGJ 500AGJs 250AGB 250CGB 250CGBs 1PB 1PBna 500PB

250PB 250PBn 125PB 125PBz_{na} 100PJ 100PJna₂ _____ _____ _____

Air: Tedlar® Canister Other: _____ Trip Blank Lot#: _____ Labeled/Checked by: JH

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by: WS

Preservative: h: HCL n: HNO₃ na₂: Na₂S₂O₃ na: NaOH p: H₃PO₄ s: H₂SO₄ u: Ultra-pure z_{na}: ZnAc₂+NaOH f: Filtered Scanned by: WJ

Return to Contents



LA Testing

11652 Knott Street Unit F5, Garden Grove, CA 92841

Phone/Fax: (714) 828-4999 / (714) 828-4944

gardengrovelab@latesting.com

CustomerID: 32CALS51

CustomerPO:

ProjectID:

Attn: **Ranjit Clarke**
Calscience Environmental Labs, Inc.
7440 Lincoln Way

Garden Grove, CA 92841

Project: 13-04-0975


Phone: (714) 895-5494
Fax: (714) 894-7501
Received: 04/15/13 11:40 AM
Analysis Date: 4/29/2013
Collected: 4/11/2013

Test Report: Qualitative asbestos analysis of soils using the EPA 600/R-93/116 method

Sample	Description	Appearance	Result	Notes
RS-1 331305253-0001			None Detected	
RS-1B 331305253-0002			None Detected	
RS-2 331305253-0003			None Detected	
RS-3 331305253-0004			None Detected	
RS-4 331305253-0005			None Detected	
RS-5 331305253-0006			None Detected	
RS-6 331305253-0007			None Detected	
RS-7 331305253-0008			None Detected	
RS-8 331305253-0009			None Detected	

Return to Contents

Analyst(s)
Christopher Kim (11)


Derrick Tanner, Laboratory Manager
or other approved signatory

LA Testing recommends that soil samples reported as "ND" be tested by the EPA Screening Method/Qualitative. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by LA Testing, Inc. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Samples received in good condition unless otherwise noted.
Samples analyzed by LA Testing Garden Grove, CA



LA Testing

11652 Knott Street Unit F5, Garden Grove, CA 92841

Phone/Fax: (714) 828-4999 / (714) 828-4944

gardengrovelab@latestesting.com

CustomerID: 32CALS51

CustomerPO:

ProjectID:

Attn: **Ranjit Clarke**
Calscience Environmental Labs, Inc.
7440 Lincoln Way

Garden Grove, CA 92841

Project: 13-04-0975

Phone: (714) 895-5494
Fax: (714) 894-7501
Received: 04/15/13 11:40 AM
Analysis Date: 4/29/2013
Collected: 4/11/2013


Test Report: Qualitative asbestos analysis of soils using the EPA 600/R-93/116 method

Sample	Description	Appearance	Result	Notes
RS-9			None Detected	
331305253-0010				
RS-10			None Detected	
331305253-0011				

Return to Contents

Analyst(s)

Christopher Kim (11)



Derrick Tanner, Laboratory Manager
or other approved signatory

LA Testing recommends that soil samples reported as "ND" be tested by the EPA Screening Method/Qualitative. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by LA Testing, Inc. The above test must not be used by the client to claim product endorsement by NVLAP nor any agency of the United States Government. Samples received in good condition unless otherwise noted.
Samples analyzed by LA Testing Garden Grove, CA

Initial report from 04/29/2013 11:04:59

CHAIN OF CUSTODY RECORD

DATE: 04/15/13

PAGE: 1 OF 2

7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1427
TEL: (714) 895-5494 . FAX: (714) 894-7501

CalScience Environmental Laboratories, Inc.

TO: LA Testing

LABORATORY CLIENT: **CalScience Environmental Laboratories, Inc.**

ADDRESS: **7440 Lincoln Way**

CITY: **Garden Grove, CA 92841-1427**

TEL: **(714) 895-5494** E-MAIL: **rclarke@calscience.com**

TURNAROUND TIME
 SAME DAY 24 HR 48HR 72 HR 5 DAYS 6+ DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
 RWQCB REPORTING ARCHIVE SAMPLES UNTIL ___ / ___ / ___

SPECIAL INSTRUCTIONS

CLIENT PROJECT NAME/NUMBER: **13-04-0975**

PROJECT CONTACT: **Ranjit Clarke**

SAMPLER(S) (PRINT):

P.O. NO.: **531305253**

QUOTE NO.:

REQUESTED ANALYSIS

Bulk Asbestos by PLM (EPA 600/R-93/116)

LAB USE ONLY	SAMPLE ID	SAMPLING		Matrix	#Cont
		DATE	TIME		
	RS-1	04/11/13	14:50	S	1
	RS-1B	04/11/13	14:55	S	1
	RS-2	04/11/13	15:00	S	1
	RS-3	04/11/13	15:07	S	1
	RS-4	04/11/13	15:13	S	1
	RS-5	04/11/13	15:21	S	1
	RS-6	04/11/13	15:25	S	1
	RS-7	04/11/13	15:30	S	1
	RS-8	04/11/13	15:32	S	1

If matrix is not conducive to this method, please proceed with PLM Qualitative.

Relinquished by: (Signature) *[Signature]* Date: 04/15/13 Time: 1140

Relinquished by: (Signature) *[Signature]* Date: 04/15/13 Time: 1140

Relinquished by: (Signature) *[Signature]* Date: Date: Time: Time:

7440 LINCOLN WAY
 GARDEN GROVE, CA 92841-1427
 TEL: (714) 895-5494 . FAX: (714) 894-7501

TO: LA Testing

LABORATORY CLIENT: Calscience Environmental Laboratories, Inc.		CLIENT PROJECT NAME / NUMBER: 13-04-0975	P.O. NO.:
ADDRESS: 7440 Lincoln Way		PROJECT CONTACT: Ranjit Clarke	QUOTE NO.:
CITY: Garden Grove, CA 92841-1427		SAMPLER(S): (PRINT)	# 331305253
TEL: (714) 895-5494 E-MAIL: rclarke@calscience.com			

TURNAROUND TIME	SAME DAY <input type="checkbox"/>	24 HR <input type="checkbox"/>	48HR <input type="checkbox"/>	72 HR <input type="checkbox"/>	5 DAYS <input type="checkbox"/>	6+ DAYS <input checked="" type="checkbox"/>
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)						
<input type="checkbox"/> RWQCB REPORTING <input type="checkbox"/> ARCHIVE SAMPLES UNTIL ____ / ____ / ____						
SPECIAL INSTRUCTIONS						

REQUESTED ANALYSIS

If matrix is not conducive to this method, please proceed with PLM Qualitative.

LAB USE ONLY	SAMPLE ID	SAMPLING		Matrix	#Cont
		DATE	TIME		
	RS-9	04/11/13	15:38	S	1
	RS-10	04/11/13	15:40	S	1

Relinquished by: (Signature)	Received by / Affiliation: (Signature) <i>[Signature]</i> JAT	Date: 04/15/13	Time: 1140
Relinquished by: (Signature)	Received by / Affiliation: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by / Affiliation: (Signature)	Date:	Time:



Traffic Memorandum

Technical Memorandum



To: City of Gonzales – Tom Truszkowski
cc: Rincon Consultants, Inc. – Richard Daulton
From: Wood Rodgers, Inc. – Ravi Narayanan, PE, TE
Date: December 7, 2012
File: J:\Jobs\8531.001 Gonzales Community Center\Traffic\Memos\8531-Gonzales Community Center Traffic Memo 12072012.docx
Job #: 8531.001
RE: New Community Center Development, Gonzales, CA – Traffic and Parking Analysis

INTRODUCTION

This technical memorandum has been prepared to present the results of a traffic and parking analysis completed by Wood Rodgers, Inc. for the proposed Community Center in the City of Gonzales, CA. The City of Gonzales has obtained title to an approximately 3-acre site for the City's first community center. The site is located on the south side of 5th Street just west of Rincon Road adjacent to the Fairview Middle School campus, in the central portion of the City. Per the project site plan (Kasavan Architects, December 3, 2012), the proposed project would include an approximately 29,500 square foot building including space for a library, classrooms, kitchen area, and a multi-purpose room. Project site access is proposed via a public-access driveway on 5th Street.

EXISTING TRANSPORTATION SETTING

The City of Gonzales is located in Monterey County, approximately 16 miles south of the City of Salinas along US 101. The proposed project would be located on 5th Street near several schools of the Gonzales Unified School District. **Figure 1** shows the location of the proposed project site. 5th Street is a two-lane minor arterial for the segment that extends from Alta Street to US 101. East of US 101, 5th Street has a four-lane section to Herold Parkway/Fanoe Road, where 5th Street becomes Johnson Canyon Road. 5th Street forms one of three full-access interchanges with US 101 within the City of Gonzales. On-street parking is provided on the north side of 5th Street near the proposed project site. The posted speed limit on 5th Street along the project frontage is 25 miles per hour.

EXISTING TRAFFIC VOLUMES

Based on the *Gonzales 2010 General Plan* (Adopted January 18, 2011), 5th Street between Alta Street and Rincon Road carries an existing annual average daily traffic (AADT) volume of 3,400 vehicles and operates at Level of Service (LOS) "A" conditions. Wood Rodgers conducted weekday AM and PM peak hour traffic counts on 5th Street in November 2009. The weekday AM and PM peak hour two-way traffic volume on 5th Street west of US 101 was 702 vehicles and 652 vehicles, respectively. The AM peak hour is defined as the highest one hour of traffic flow counted between 7 AM and 9 AM on a typical weekday and the weekday PM peak hour is defined as the highest one hour of traffic flow counted between 4 PM and 6 PM on a typical weekday.

EXISTING PEDESTRIAN, BIKEWAY, AND TRANSIT FACILITIES

Continuous pedestrian sidewalks are provided on both sides of 5th Street in the project area, with a striped crosswalk provided to cross 5th Street at the existing Gabilan Court intersection. The crosswalk is automated with flashing lights in the pavement and audible sound. There is a Class II

bike lane striped on 5th Street along the project frontage that extends from Rincon Road to Alta Street. Based on counts collected in November 2009, there were 177 pedestrians during the weekday AM peak hour and 76 pedestrians during the weekday PM peak hour traveling along 5th Street west of US 101, with a majority of pedestrians being students. In addition, there were 5 bicyclists in the AM peak hour and 8 bicyclists in the PM peak hour traveling along 5th Street west of US 101.

Monterey-Salinas Transit (MST) Route 23 currently provides approximately hourly service from 6 AM to 8 PM on weekdays and 9 AM to 8 PM on weekends. Route 23 provides daily service between the Cities of Salinas and King City, with bus stops located on both sides of 5th Street in the City of Gonzales just west of the proposed project site. MST also provides on-call service in the City of Gonzales.

PROJECT ANALYSIS

The proposed Gonzales Community Center (the “project”) envisions development of an approximately 29,500 square-foot building, including space for a library, classrooms, kitchen area, and a multi-purpose room. Up to 191 on-site parking spaces are also proposed. **Figure 2** shows the proposed project site plan (dated December 3, 2012). Based on the site plan, project site access is proposed via a public-access driveway on 5th Street on the northeast side of the project parcel.

The Community Center site would be located immediately east of the joint-use gymnasium on the Fairview Middle School campus, which was constructed in 2010 with funding from the Gonzales Unified School District and the City of Gonzales.

PROJECT TRIP GENERATION

In 2009, the City acquired the three-acre site for the proposed Community Center project, on the site of a former Monterey County Housing Authority housing complex. The housing complex and underground utilities were demolished and the site now contains a cul-de-sac roadway, sidewalk and curb/gutters, and ornamental trees lining the existing Gabilan Court. The site’s location within the central part of the City and adjacent to Fairview Middle School makes it ideal for a Community Center.

The former Gabilan Vista Family Public Housing located on the proposed project site included 20 housing units that lined both sides of Gabilan Court. The project trip generation estimate took into consideration the previous residential uses to determine the net “new” trips generated by the proposed Community Center. *Trip Generation, 8th Edition* (Institute of Transportation Engineers, 2008) includes a Recreational Community Center trip generation rate for the proposed Community Center. **Table 1** summarizes the estimated trip generation rates used for both the previous residential uses and the proposed Community Center.

Table 1. Trip Generation Rates

Land Use Category	ITE Use Code	Units ¹	Daily Trip Rate/Unit	Weekday AM Peak Hour Trip Rate/Unit			Weekday PM Peak Hour Trip Rate/Unit		
				Total	In	Out	Total	In	Out
Residential Condominium/Townhouse	230	DU	5.8	0.44	17%	83%	0.52	67%	33%
Recreational Community Center	495	KSF	9.1*	1.62	61%	39%	1.45	37%	63%

Notes:
 Trip generation rates based on average rates in *ITE's Trip Generation* (8th Edition, 2008).
¹ DU = Dwelling Units, KSF = 1,000 Square Feet
 * Recreational Community Center daily trip rate based on Saturday daily trip generation rate due to lack of data for weekdays; however all other trip rates presented in the table are based on typical weekday conditions.

Table 2 summarizes the estimated “new” Daily, AM and PM peak hour trip generation of the proposed Community Center after subtracting the previous residential uses based on the trip rates from **Table 1**.

Table 2. Gonzales Community Center Project Trip Generation

Land Use	Units ¹	Quantity (KSF)	Daily Trips	Weekday AM Peak Hour Trips			Weekday PM Peak Hour Trips		
				Total	In	Out	Total	In	Out
<i>Previous Project Site Trip Generation</i>									
Residential Condominium/Townhouse	DU	20	116	9	2	7	10	7	3
<i>Proposed Project Site Trip Generation</i>									
Recreational Community Center	KSF	29.5	268	48	29	19	43	16	27
<i>Net “New” Project Trips</i>			<i>152</i>	<i>39</i>	<i>27</i>	<i>12</i>	<i>33</i>	<i>9</i>	<i>24</i>
Notes: Trip generation rates based on average rates in <i>ITE’s Trip Generation</i> (8 th Edition, 2008). ¹ DU = Dwelling Units, KSF = 1,000 Square Feet									

As shown in **Table 2**, the proposed Community Center project is anticipated to generate 152 “new” daily trips, 39 “new” weekday AM peak hour trips, and 33 “new” weekday PM peak hour trips. Based on existing traffic volumes on 5th Street, the proposed Community Center “new” trips would represent less than 5 percent of daily traffic volumes, less than 6 percent of AM peak hour traffic volumes, and less than 5 percent of PM peak hour traffic volumes on 5th Street.

PROJECT SITE ACCESS

Per the project site plan dated December 3, 2012 (see **Figure 2**), the existing Gabilan Court would be removed along with its existing intersection on 5th Street and replaced with a new project access driveway and intersection on 5th Street. The following driveway would provide access to/from the proposed Community Center:

- The proposed project would be served by a single public-access driveway on 5th Street. The driveway would be located approximately 150 feet west of Rincon Road and approximately 220 feet east of the existing Day Care driveway. The proposed driveway intersection with 5th Street would permit full-access (i.e. allow all turning movements in and out of the site). The driveway would have a 24-foot wide throat, allowing for one 12-foot travel lane in each travel direction.

There is currently a recreational field on the north side of 5th Street with no direct access, resulting in no conflicting movements with the proposed Community Center driveway. The proposed project driveway location is adequate and is not anticipated to result in adverse traffic operations based on proximity to other driveways and roadways.

Driveway Traffic Control

The existing Gabilan Court, which is located on the proposed project site, intersects 5th Street at a stop-sign controlled intersection. This intersection was formerly served by an all-way-stop control. As part of the proposed project, the pedestrian crosswalk would be relocated approximately 100 feet to the east, to the proposed new project driveway. The new 5th Street/Project Access Driveway intersection would be controlled by an all-way-stop. Based on existing traffic volumes on 5th Street and the proposed project trip generation, the new Community Center intersection on 5th Street is anticipated to operate acceptably based on the City of Gonzales’ LOS “C” policy (*2010 General Plan Policy CIR-1.1*).

Based on existing travel patterns on 5th Street, it is estimated that approximately 14 vehicles during the AM peak hour and 8 vehicles during the PM peak hour would make the westbound left-turn from 5th Street into the project site. This movement would be made from a shared lane with through traffic. Based on existing traffic volumes, it is anticipated that the maximum westbound left-turn vehicle queue would be 2 vehicles (50 feet) in the AM peak hour and 1 vehicle (25 feet) in the PM peak hour¹. These vehicle queues are not anticipated to adversely affect traffic operations along 5th Street.

Based on existing travel patterns on 5th Street, it is estimated that approximately 15 vehicles during the AM peak hour and 8 vehicles during the PM peak hour would make the eastbound right-turn from 5th Street into the project site. A right-turn deceleration taper may be considered at driveways on arterial streets when ingress volumes are between 10 and 50 vehicles per hour. Based on the 25 mile per hour posted speed limit on 5th Street, a right-turn deceleration taper is not required at the proposed project driveway intersection.

Driveway Throat Depth Evaluation

The minimum required throat depth at the proposed project driveway was estimated based on the AM and PM peak hour turning movements. Adequate storage at the proposed project driveway between 5th Street and the first internal site aisle is needed to ensure that outbound vehicles do not block the first internal aisle. The proposed project site plan includes 50 feet of driveway throat depth that can accommodate up to 2 vehicles before the first on-site parking space. The anticipated maximum vehicle for outbound vehicles is 2 vehicles during the AM and PM peak hour periods, therefore the proposed driveway throat depth is adequate.

Emergency Access

The proposed project would be served by a single general public-access driveway on 5th Street. The proposed Community Center building is set back approximately 250 feet from the south edge of 5th Street traveled way.

The City and the Gonzales School District have discussed the proposed project, and have conceptually agreed that a pedestrian walk-through connection and a separate (locked) gated drive-through connection connecting between the proposed Community Center site and the adjacent existing joint-use gym/daycare site will be provided. The proposed updated site plan (dated December 3, 2012) shows a 20-foot wide emergency gate at the south end of the project site's western boundary, connecting the project site with the adjacent Joint Use Gym site at Fairview Middle School located directly to the west of the Community Center as shown on **Figure 2**. Furthermore, the updated site plan shows two 8-foot wide pedestrian gates on the western boundary of the project, allowing pedestrian access between the project site and the adjacent daycare/gym site. With the proposed emergency access and pedestrian connections as shown in the updated site (December 3, 2012), the project is not anticipated to cause any significant emergency access impacts.

PEDESTRIAN, BIKEWAY, AND TRANSIT FACILITIES

The proposed project, being a Recreational Community Center, would likely result in some increase in transit, bicycle, and pedestrian use in the project vicinity. There are existing pedestrian sidewalks on both sides of 5th Street, and Class II bike lanes are provided along both sides of 5th Street in the project site vicinity. The existing MST bus stop on 5th Street would also provide transit service to the proposed project site.

¹ Maximum vehicle queues are based on November 2001 ITE Journal Methodology and are rounded up to the nearest 25 feet.

PARKING ANALYSIS

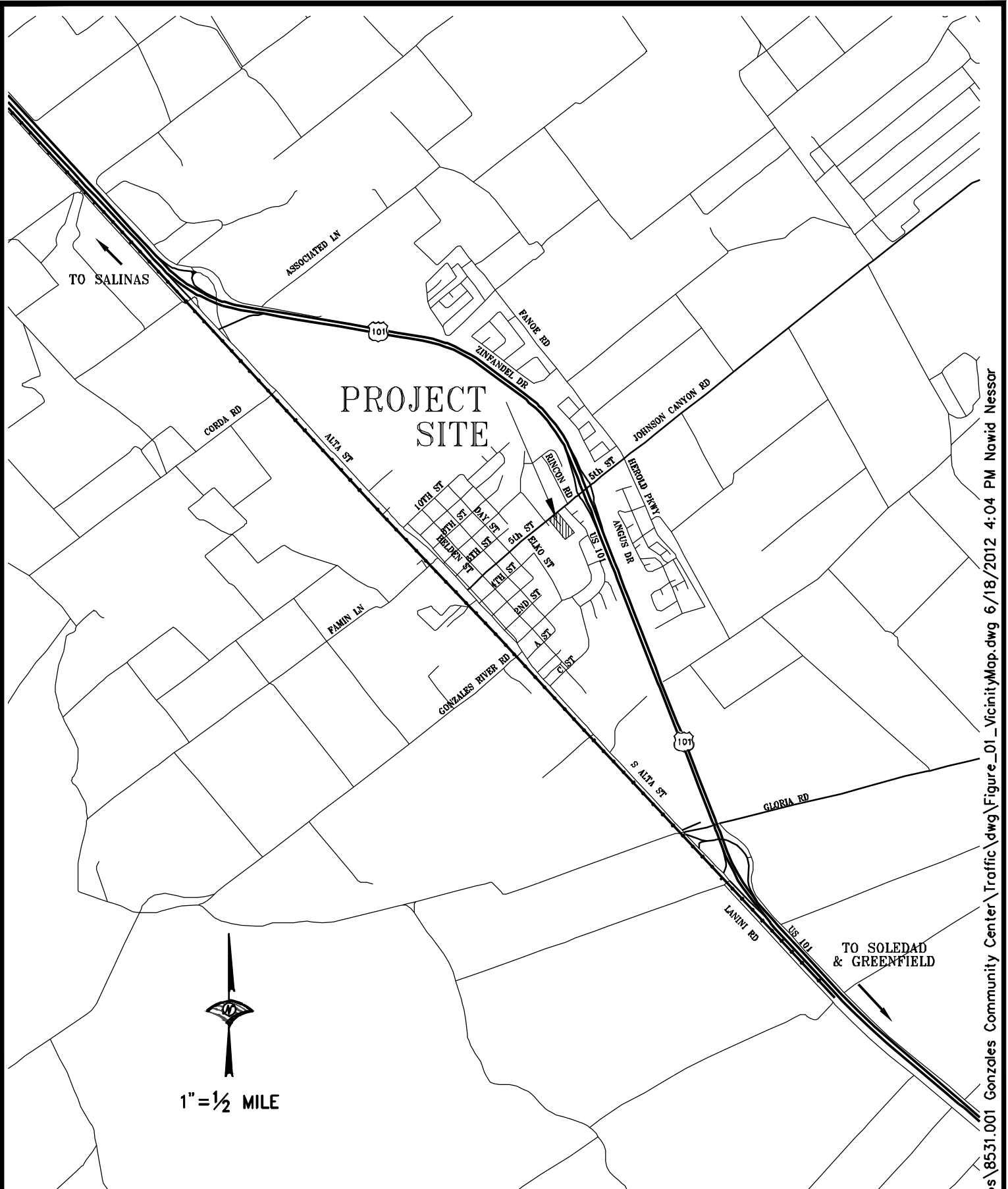
The project site plan (dated December 3, 2012) includes 191 on-site parking spaces. *Parking Generation, 4th Edition* (ITE, 2010) identifies the peak weekday parking period between 6:00 PM and 8:00 PM for Recreational Community Center uses (Land Use Code 495). The average weekday peak period parking demand is 3.2 vehicles per 1,000 square feet of gross floor area. Based on the site plan, the proposed 29,500 square foot building would generate a peak weekday parking demand of 95 parking spaces. Therefore, it is projected that the on-site parking supply as proposed by the project site plan is adequate, and project parking impacts are not considered significant.

In addition to the proposed Community Center, it is anticipated that excess parking spaces would be utilized by the adjacent Joint-Use Gym at Fairview Middle School. For special events and other high parking demand times, it is anticipated that the Community Center could generate a demand for 149 parking spaces based on the 85th percentile parking demand from *Parking Generation*. Even during the highest parking demand for special events at the Community Center, it is anticipated that over 40 parking spaces would still be available for use by the Joint-Use Gym.

The proposed on-site parking drive aisles are proposed to be 24-foot wide, which would facilitate movements by most vehicles in and out of parking spaces.

GONZALES 2010 GENERAL PLAN

Based on review of the *Gonzales 2010 General Plan*, the project site is designated as Public/Quasi Public use, which is consistent with the proposed project use. As such, no cumulative traffic analysis is considered necessary for this project. The *Gonzales 2010 General Plan* estimates that future traffic on 5th Street between Alta Street and Rincon Road will be approximately 5,800 vehicles per day under Urban Growth Boundary Buildout conditions. This section of 5th Street is planned to be maintained as the existing two-lane Minor Arterial and operate at LOS A under future conditions. The proposed project would add 153 “new” daily trips to 5th Street, which were included as part of the Gonzales 2010 General Plan analysis. The “new” daily trips would represent less than 3 percent of future daily traffic volumes on 5th Street.

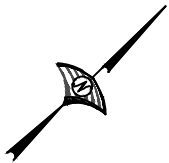


GONZALES COMMUNITY CENTER, GONZALES, CA

FIGURE 1

VICINITY MAP


WOOD RODGERS
 DEVELOPERS INNOVATIVE DESIGN SOLUTIONS
 3301 C St, Bldg. 100-S Tel 916.341.7780
 Sacramento, CA 95816 Fax 916.341.7767



N.T.S.

SITE PLAN PROVIDED BY
KASAVAN ARCHITECTS, DATED 12/03/2012.

GONZALES COMMUNITY CENTER, GONZALES, CA

SITE PLAN

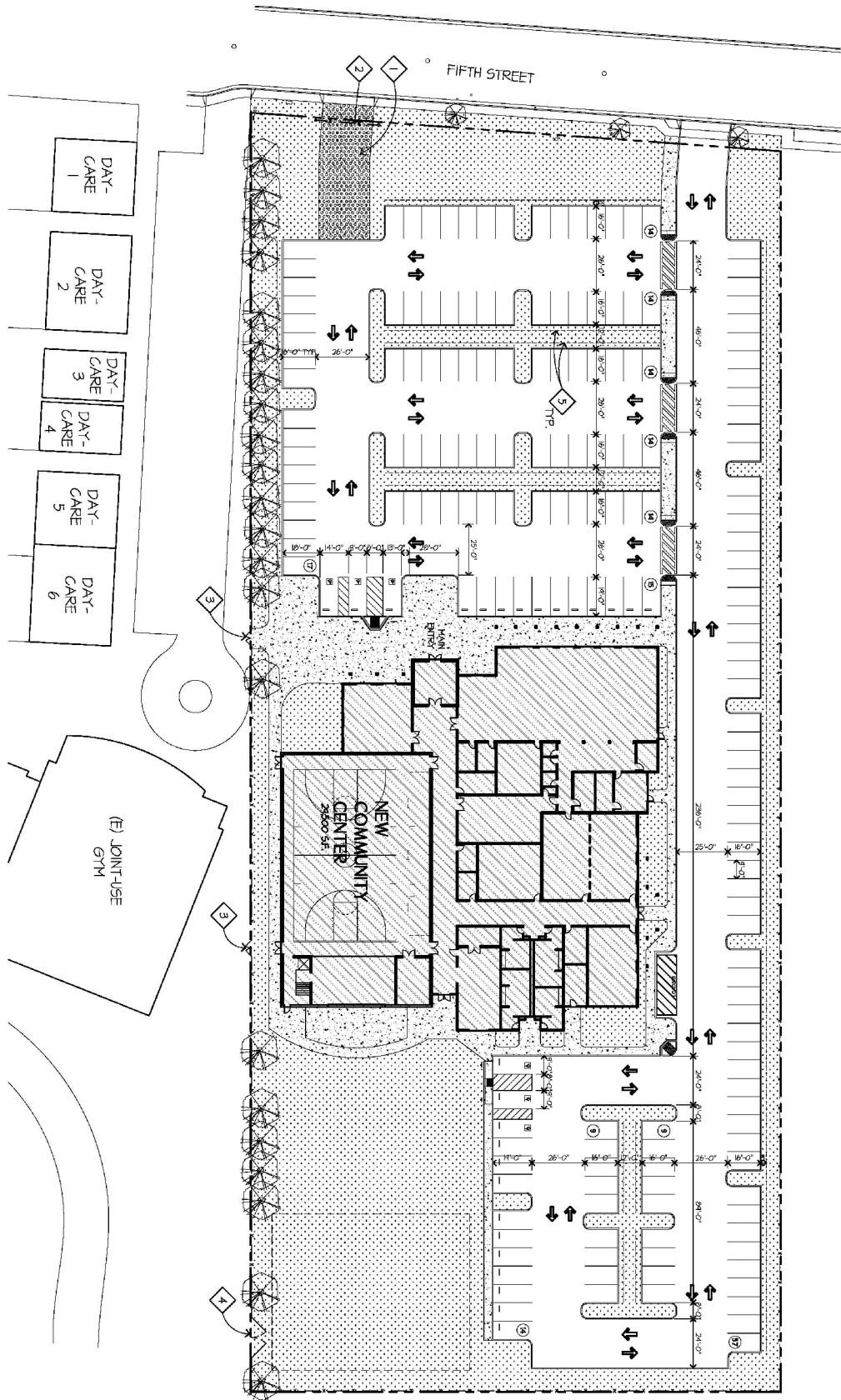


FIGURE 2

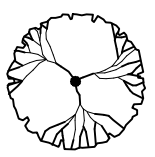
J:\Jobs\8531.001 Gonzales Community Center\Traffic\dwg\Figure_02_SiteMap_V2.dwg 12/7/2012 4:18 PM Luke Fuson

WOOD RODGERS
DEVELOPING INNOVATIVE DESIGN SOLUTIONS
3301 C St, Bldg. 100-B Tel 916.341.7760
Sacramento, CA 95816 Fax 916.341.7767

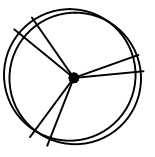
Architectural Plans



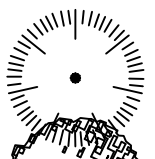
CONCEPT PLANT SCHEDULE



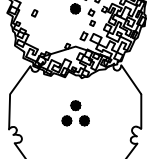
BROADLEAF EVERGREEN TREE - 15 GAL/24" BOX
ARBUTUS HYBRID 'MARINA' / ARBUTUS
CEANOTHUS X 'RAY HARTMAN' / CALIFORNIA LILAC
MELALEUCA QUINQUENERVIA / CAJEPUT TREE
QUERCUS AGRIFOLIA / COAST LIVE OAK



DECIDUOUS TREE - 24" BOX
CELTIS AUSTRALIS / EUROPEAN HACKBERRY
LAGERSTREMA INDICA 'MUSKOGEE'
PISTACIA CHINENSIS / CHINESE PISTACHE
PRUNUS CERASIFERA / FLOWERING PLUM



CONIFER - 24" BOX
PINUS PINEA / ITALIAN STONE PINE



STREET TREE - 24" BOX
QUERCUS AGRIFOLIA / COAST LIVE OAK



BROADLEAF EVERGREEN TREE 36" BOX
OLEA EUROPAEA 'SWAN HILL' LOW-BRANCHING /

(A)



VINES
PARthenocissus TRICUSPIDATA 'VEITCHII' / BOSTON IVY
VITIS CALIFORNICA 'ROGER'S RED' / CALIFORNIA WILD GRAPE



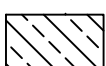
BIOSWALE



ENTRANCE SHRUB BEDS
ARCTOSTAPHYLOS SP. / MANZANITA
CEANOTHUS SP. / WILD LILAC
MULLENBERGIA RIGENS / DEER GRASS
SALVIA CLEVELANDII / CLEVELAND SAGE



EDIS
CALAMAGROSIS X ACUTIFLORA 'KARL FOERSTER' / FEATHER REED GRASS
OLEA EUROPAEA 'LITTLE OLLIE' TM / LITTLE OLLIE OLIVE
PENSTEMON X 'FIREBIRD' / FIREBIRD BEARD TONGUE
PHORMIUM TENAX 'JACK SPRATT' / NEW ZEALAND FLAX
STIPA TENUISSIMA / FINESTEM NEEDLEGRASS



SOUNDWALL SHRUBS
ARCTOSTAPHYLOS SP. / MANZANITA
DODONAEA VISCOZA 'PURPUREA' / PURPLE LEAFED HOPSEED BUSH
HETEROMELES ARBUTIFOLIA / TOYON
ROMNEYA COULTERI / MATILIA POPPY
WESTRINGIA FRUTICOSA / COAST ROSEMARY

NORTHEAST PLANTING BEDS

ARBUTUS UNEDO 'COMPACTA' / DWARF STRAWBERRY TREE
CISTUS PULVERULENTUS 'SUNSET' / ROCKROSE
LAVANDULA ANGUSTIFOLIA / ENGLISH LAVENDER
RHAMNUS CALIFORNICA / CALIFORNIA COFFEE BERRY

PARKING LOT PLANTERS

CEANOTHUS GRISAEUS HORIZONTALIS / CARMEL CREEPER
DIETES VEGETA / AFRICAN IRIS
PHORMIUM TENAX 'YELLOW WAVE' / NEW ZEALAND FLAX
STIPA TENUISSIMA / FINESTEM NEEDLEGRASS

BUILDING PERIMETER PLANTINGS

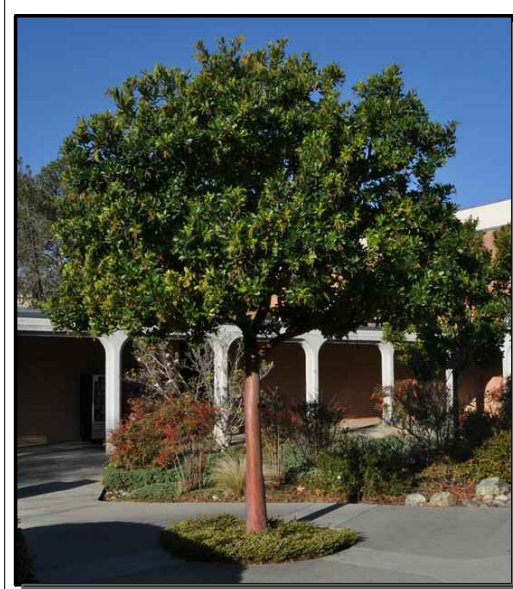
ACCA SELLOWIANA / PINEAPPLE GUAVA, FELCJA
ACHILLEA SP. / YARROW
ANIGONANTHOS FLAVIDUS / KANGAROO PAW
LAVANDULA ANGUSTIFOLIA / ENGLISH LAVENDER
PEROVSKIA ATRIPLICIFOLIA / RUSSIAN SAGE
TAGETES LEMMONII / COPPER CANYON DAISY
TEUCRIUM CHAMAEDRYS / GERMANDER

LAWN

LILIMUM PERENNE / PERENNIAL RYEGRASS

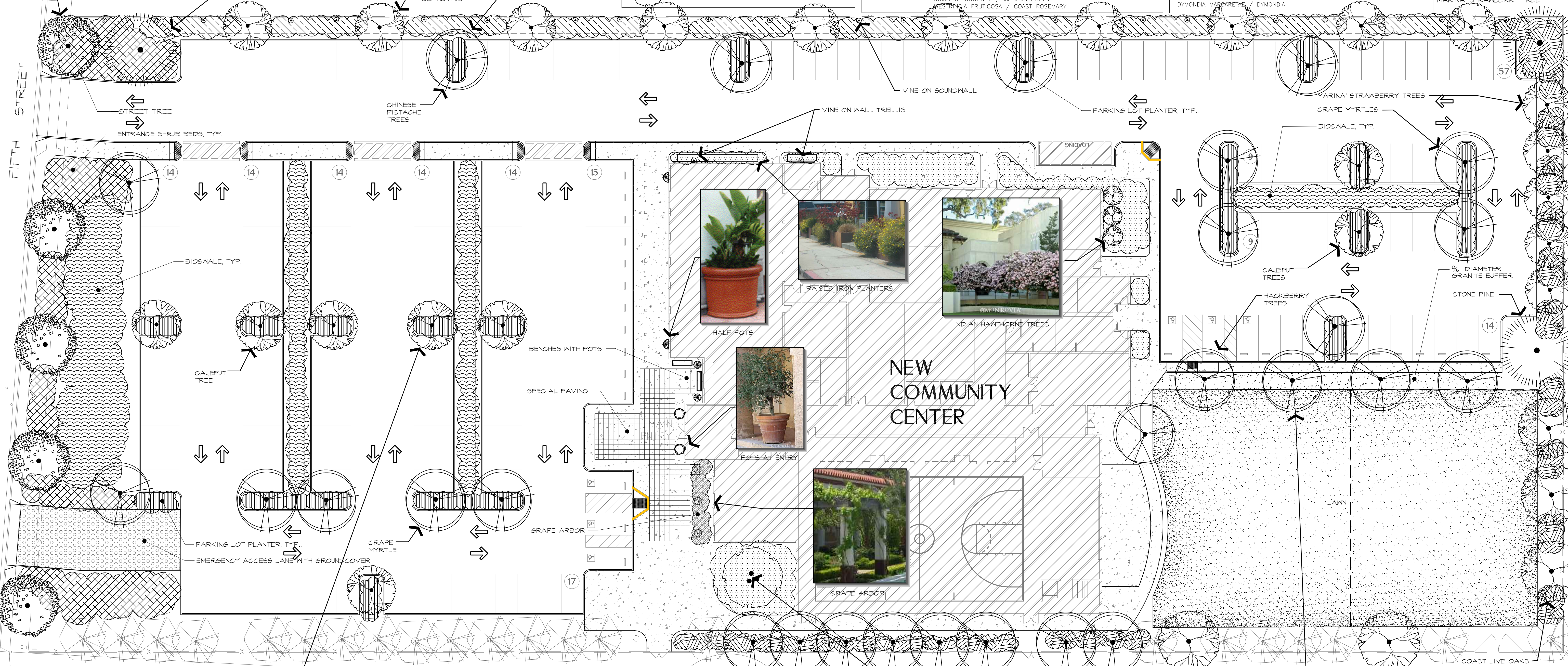
EMERGENCY ACCESS LANE

DYMONDIA



MARINA STRAWBERRY TREE

FIFTH STREET



CAJEPUT TREE



GRAPE MYRTLE



FLOWERING PLUMS



OLIVE TREE LOW-BRANCHING



EUROPEAN HACKBERRY

(E) JOINT-USE GYM

DAY-CARE 1

DAY-CARE 2

DAY-CARE 3

DAY-CARE 4

DAY-CARE 5

KASAVAN ARCHITECTS
60 W. Market St., Suite 300
Salinas, California 93901
Voice 831.424.2252 Fax 831.424.2501

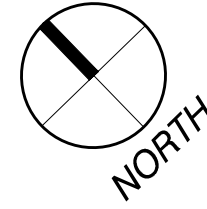
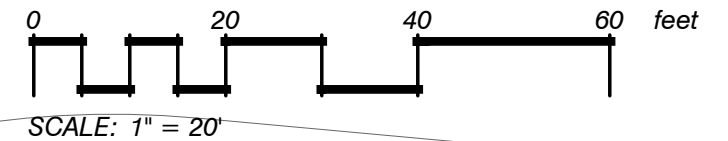
LANDSCAPE ARCHITECT
ANITA KANE
No. 14
Exp. 28/15
OF CALIFORNIA

LANDSCAPE ARCHITECT
ANITA KANE
CA License #3677
965 West Street, Hollister, California 95023
Phone / Fax: (831) 638-1801
Email: anita@akarch.net

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NEW COMMUNITY CENTER FOR:
CITY OF GONZALES
AT
5TH STREET
GONZALES, CA
CONCEPTUAL LANDSCAPE PLAN

SHEET NUMBER
DATE: 1-31-13
JOB: 1209
DRAWN: AK



Xrefs: 1209bdr.DWG

File Name: K:\2012\1209\

LIGHT FIXTURE SCHEDULE

FIXTURE NOTES:

- ALL FLUORESCENT LIGHT FIXTURE BALLASTS SHALL BE ELECTRONIC TYPE, 10% TOTAL HARMONIC DISTORTION MAXIMUM.
- ALL FLUORESCENT LIGHT FIXTURE LAMPS SHALL BE ENERGY SAVING 3500° K, 80 CRI MINIMUM, U.O.N. (SEE SPECIFICATIONS FOR MORE INFORMATION).
- ALL FLUORESCENT BALLASTS (AND ASSOC. FIXTS.) SHALL HAVE MANUFACTURER'S CERTIFICATION OF COMPLIANCE WITH CALIFORNIA ENERGY COMMISSION STANDARDS AND REQUIREMENTS, WHERE SUCH ARE USED IN CONDITIONED SPACES.
- ALL RECESSED INCANDESCENT LIGHT FIXTURES SHALL BE UL APPROVED FOR ZERO CLEARANCE INSULATION COVER WHEN INSTALLED IN INSULATED CEILINGS.
- ALL LINEAR FLUORESCENT FIXTURES SHALL BE FURNISHED WITH A DISCONNECTING MEANS COMPLYING WITH C.E.C. 410.75 (G).
- EXIT SIGNS, EMERGENCY LIGHTS AND LIGHT FIXTURES WITH EMERGENCY BATTERY BACK-UP SHALL SUPPLY A MINIMUM DURATION OF 90 MINUTES OF POWER IN THE EVENT OF A POWER OUTAGE/FAILURE.

TYPE	DESCRIPTION	LAMPS	MANUFACTURER
XA	LED POLE MOUNT FIXTURE W/ MOTION RESPONSE, 20' POLE & 3' BASE.	(1) LED 130W	GARDCO PURE FORM LED SERIES
XA1	SAME AS FIXTURE TYPE XA EXCEPT HOUSE SIDE SHIELD OPTION.	(1) LED 130W	GARDCO PURE FORM LED SERIES
XA2	SAME AS FIXTURE TYPE XA EXCEPT TYPE II DISTRIBUTION.	(1) LED 130W	GARDCO PURE FORM LED SERIES
XA3	SAME AS FIXTURE TYPE XA EXCEPT TYPE V MEDIUM DISTRIBUTION.	(1) LED 130W	GARDCO PURE FORM LED SERIES
XB	WALL MOUNT EXTERIOR FIXTURE.	(1) 42W CET	BEGA-US
XBEM	SAME AS TYPE XA EXCEPT EM BATTERY PACK.	(1) 42W CET	BEGA-US

ELECTRICAL SYMBOLS & ABBREVIATIONS

SYMBOLS & ABBREVIATIONS SHOWN ARE FOR GENERAL USE. DISREGARD THOSE WHICH DO NOT APPEAR ON THE PLANS.

ABBREVIATIONS	
○	LUMINAIRE - SURFACE MOUNTED - SEE SCHEDULE.
○	LUMINAIRE - POLE OR POST MOUNTED - SEE SCHEDULE.
○	LUMINAIRE - WALL MOUNTED SEE SCHEDULE.
○	BOLLARD OR PATH LIGHT - SEE SCHEDULE.
⊠	FULLBOX
—	CONDUIT - UP.
—	CONDUIT - DOWN.
—	CONDUIT - CONCEALED IN WALLS OR CEILING.
---	CONDUIT - BELOW SLAB OR UNDERGROUND: 3/4" MIN.
—	CAPPED CONDUIT, SUB-OUT
—	CONDUIT CONTINUATION.
#12	CONDUIT - HOME RUN TO PANEL, TERMINAL CABINET, ETC. RUNS MARKED WITH CROSSEHATCHES INDICATE NUMBER OF #12 AWG WIRES WHEN MORE THAN TWO. SIZE CONDUIT ACCORDING TO SPECIFICATIONS AND APPLICABLE CODE. CROSSEHATCHES WITH NUMBER ADJACENT INDICATES WIRE SIZE OTHER THAN #12AWG.
②	SHEET NOTE REFERENCE SYMBOL; SEE ASSOCIATED NOTE ON SAME SHEET.
①	DETAIL NUMBER
②	DETAIL OR SECTION REFERENCE SHEET NUMBER
③	DETAIL NOTE REFERENCE SYMBOL; SEE ASSOCIATED NOTE ON SAME DETAIL.

A	AMPERE	(N)	NEW
AF	ABOVE FINISHED FLOOR	(NIC)	NOT IN ELECTRICAL CONTRACT
ALUM./AL	ALUMINUM ARCHITECT	(NL)	NOT IN LIGHT CONTRACT
ANG	AMERICAN WIRE GAUGE	(NO)	NOMINAL NUMBER
BKR	BREAKER	(NTS)	NOT TO SCALE
C	CONDUIT	(OAH)	OVERALL HEIGHT
CATV	CABLE TV	(OC)	ON CENTER
CB	CIRCUIT BREAKER	(OH)	OVERHEAD
CCTV	CLOSED CIRCUIT TV	(PA)	PUBLIC ADDRESS
CKT	CIRCUIT	(PB)	PULL BOX
CL	CENTER LINE	(PF)	POWER FACTOR
CLG	CEILING	(PH)	PHASE
CO	CONDUIT ONLY	(PIR)	PASSIVE INFRARED
CTR	CENTER	(PN)	PANEL
DIM	DIMENSION	(PV)	PHOTOVOLTAIC
DIST	DISTRIBUTION	(PVC)	POLYVINYL CHLORIDE
(E)	EXISTING	(PWR)	POWER
EG	ELECTRICAL CONTRACTOR	(R)	EXISTING TO BE REMOVED
(EL)	EVENING LIGHT	(RP)	REMOVABLE POLE
EM	EMERGENCY	(RPT)	RECEPTACLES
EMT	ELECTRICAL METALLIC TUBING	(REQD)	REQUIRED
EQUIP	EQUIPMENT	(REQ'D)	REQUIRED(S)
FA	FIRE ALARM	(SHT)	SHEET
FACP	FIRE ALARM CONTROL PANEL	(SLD)	SINGLE LINE DIAGRAM
FIN	FINISH	(STG)	SYSTEM CABINET
FL	FLOOR	(SW)	SWITCH
FLUOR.	FLUORESCENT	(SWB)	SWITCHBOARD
(F)	FUTURE	(TTB)	TELEPHONE TERMINAL
GC	GENERAL CONTRACTOR	(TYP)	TYPICAL
GFCI	GROUND FAULT INTERRUPTING	(UN)	UNLESS OTHERWISE NOTED
GFI	GROUND	(V)	VOLTS
GND, G	GALVANIZED RIGID STEEL	(W)	WATT
GRS	GROUND	(W)	WITH
HT	HEIGHT	(WP)	WEATHERPROOF
IC	INTERCOM	(XFM)	TRANSFORMER
IDF	INTERMEDIATE DISTRIBUTION FRAME		
INCAND.	INCANDESCENT		
JB	JUNCTION BOX		
KV	KILOVOLT		
KVA	KILOVOLT AMPERES		
KW	KILOWATT		
LCP	LIGHTING CONTROL PANEL		
LTG	LIGHTING		
LTV	LOW VOLTAGE THOUSAND		
KCM	MAIN DISTRIBUTION FRAME		
MDF	MECHANICAL		
MECH.	MECHANICAL		
MH	METAL HALIDE		
MLO	MAIN LUGS ONLY		
MPO	MAIN POINT OF ENTRANCE		
MTD	MOUNTED		
MTG	MOUNTING		

*+15" A.F.F. TO BOTTOM OF BOX, U.O.N.
**+48" A.F.F. TO TOP OF BOX, U.O.N.

FIXTURE CUT SHEETS

Job: Type: XA
Notes:

PureForm LED
P21 Area and Pedestrian Scale Luminaires

Page 1 of 6

PHILIPS GARDCO

Wall luminaires with cutoff optics

PHILIPS GARDCO

PHILIPS GARDCO

1611 Civic Center Blvd., San Marcos, CA 92069
650-321-4141 • 650-321-4142 FAX • 650-321-4143 • www.philips.com

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SHEET INDEX

- E01 SYMBOLS, ABBREVIATIONS, LIGHT FIXTURE SCHEDULE, CODES, STANDARDS & SHEET INDEX.
- E11 ELECTRICAL SITE PLAN.
- E1P PHOTOMETRIC SITE PLAN.

KASAVAN ARCHITECTS
60 W. Market St., Suite 300
Salinas, California 93901
Voice 831.424.2232 Fax 831.424.2501

ALAN CHAFFIN
REGISTERED PROFESSIONAL ENGINEER
ELECTRICAL
STATE OF CALIFORNIA
No. 51767

PROGRESS SET
REGISTERED PROFESSIONAL ENGINEER
ELECTRICAL
STATE OF CALIFORNIA
No. 51767

AGENCY APPROVAL

NEW COMMUNITY CENTER FOR:
CITY OF GONZALES
AT
5TH STREET
GONZALES, CA

SYMBOLS, ABBREVIATIONS, LIGHT FIXTURE SCHEDULE, & SHEET INDEX

SHEET NUMBER

E0.1

DATE: 12-03-12

JOB: 1209

DRAWN: CADD

SHEET NOTES

1. XX



CONSULTANTS
 AURUM CONSULTING
 ENGINEERS
 MONTEREY BAY, INC.
 Project No. 12124.00
 60 Garden Court • Suite 210 • Monterey, CA 93940
 P: 831.468.5330 • F: 831.468.5358 • www.aorum.com

AGENCY APPROVAL

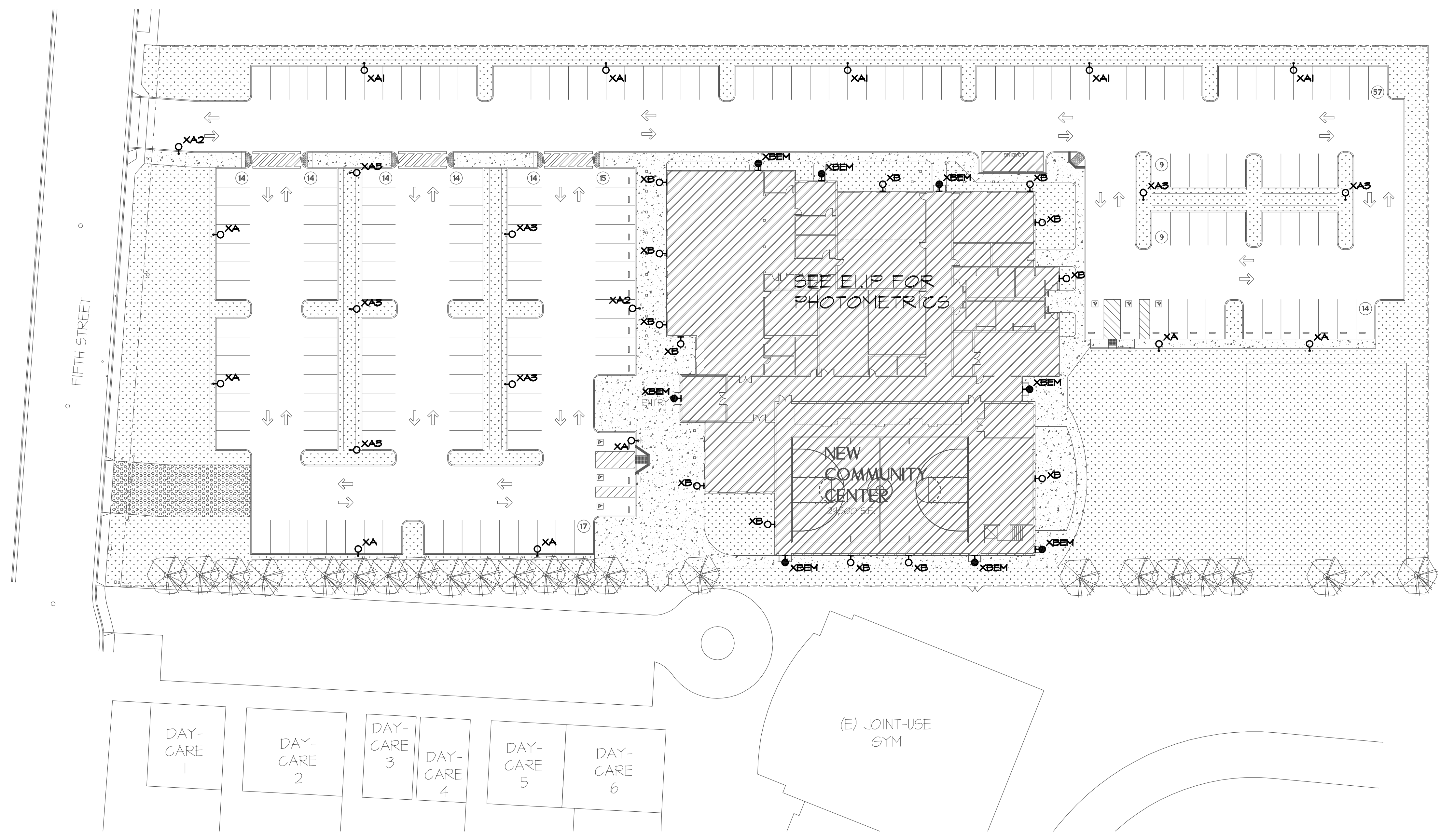
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**NEW COMMUNITY CENTER FOR:
 CITY OF GONZALES
 AT
 5TH STREET
 GONZALES, CA**

ELECTRICAL SITE PLAN

SHEET NUMBER
E1.1

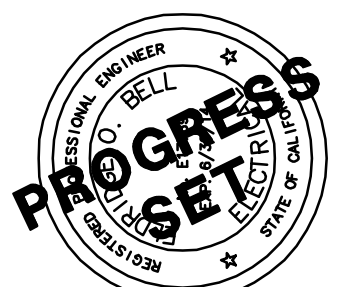
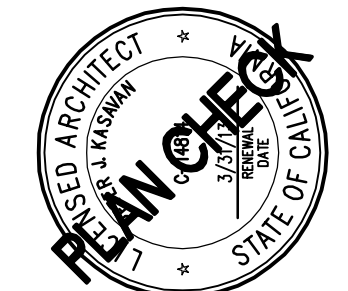
DATE: 12-03-12
 JOB: 1209 DRAWN: CADD



1 ELECTRICAL SITE PLAN
 SCALE: 1"=30'-0"

30' 0' 15' 30'

NORTH



CONSULTANTS
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 ENGINEERS
 MONTEREY BAY, INC.
 Project No. 12124.00
 60 Garden Court • Suite 210 • Monterey, CA 93940
 T: 831.468.3330 • F: 831.468.3338 • www.aorum.com

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NEW COMMUNITY CENTER FOR:
 CITY OF GONZALES
 AT
 5TH STREET
 GONZALES, CA
PHOTOMETRIC SITE PLAN

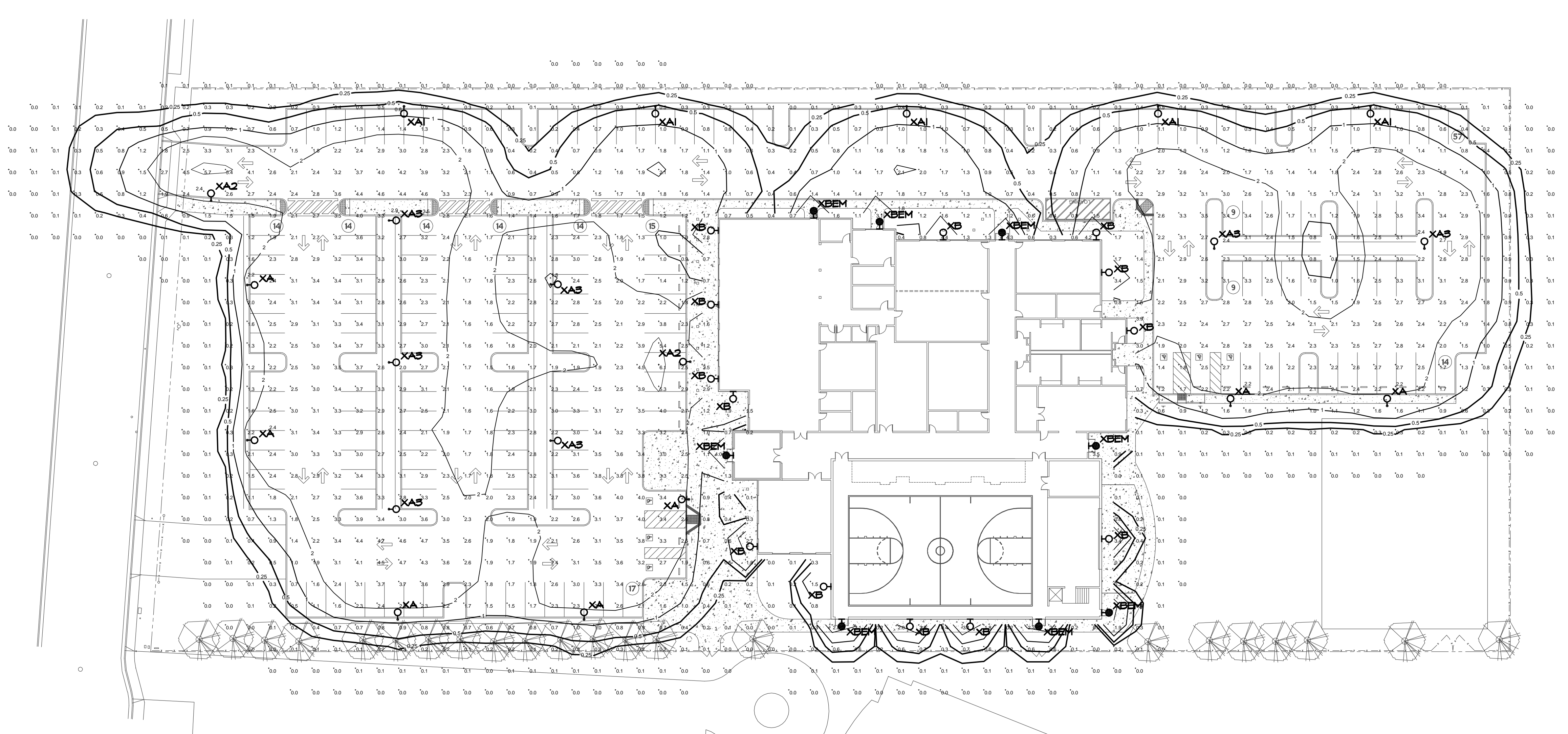
SHEET NUMBER

E1.1P

DATE: 12-03-12
 JOB: DRAWN
 1209 CADD

LUMINAIRE SCHEDULE								
Symbol	Label	Qty	Catalog Number	Description	Lamp	Lumens	LLF	Watts
☉	XB	13	2240P_42W	SURFACE WALL LUMINAIRE W/LOUVERS	(1) 42W CF TRIPLE-4P	3200	0.70	46
●	XBEM	8	2240P_42W	SURFACE WALL LUMINAIRE W/LOUVERS	(1) 42W CF TRIPLE-4P	3200	0.70	46
☉	XA	7	P21-4-130LA-NW	PUREFORM	(1) LIGHT ARRAY OF 80 LEDs DRIVEN AT 530mA	Absolute	0.89	132.5
☉	XA3	7	P21-5M-130LA-NW	PUREFORM	(1) LIGHT ARRAY OF 80 LEDs DRIVEN AT 530mA	Absolute	0.89	132.4
☉	XA2	1	P21-2-130LA-NW	PUREFORM	(1) LIGHT ARRAY OF 80 LEDs DRIVEN AT 530mA	Absolute	0.89	132.8
☉	XA1	5	P21-4-130LA-NW-EHHS	PUREFORM	(1) LIGHT ARRAY OF 80 LEDs DRIVEN AT 530mA	Absolute	0.89	131

STATISTICS				
Description	Symbol	Avg	Max	Min
Parking Lot	+	1.4 fc	6.1 fc	0.0 fc



PHOTOMETRIC SITE PLAN
 SCALE: 1"=30'-0"
 30' 0' 15' 30'
 NORTH

SITE SUMMARY

1. BUILDING SQUARE FOOTAGES

(N) BUILDING 29,500 SF

2. PARKING REQUIRED

	REQUIRED	PROVIDED
PROPOSED BLD'G 1/250	118 SPACES	185 SPACES
ACCESSIBLE	6 SPACES	6 SPACES
	124 SPACES	191 SPACES

3. SITE PARKING PROVIDED

ACCESSIBLE	6 SPACES (2 VAN & 4 STANDARD)
COMPACT SPACES	0 SPACES
STANDARD SPACES	185 SPACES
TOTAL PROVIDED	191 SPACES
BIKE PARKING	10 BIKE

4. SITE SQ. FT. & LANDSCAPE REQ'D.

OPEN SPACE	131,198SF	@10% =	13,119 SF
BLD'G FOOT PRINT	29,500 SF		
TOTAL LOT	160,698SF	@10% =	16,069 SF

5. LANDSCAPING PROVIDED

AT FRONT PARKING LOT	29,814 SF	=	18.6%
AT REAR PARKING LOT	21,118 SF	=	13.1%
TOTAL LOT	50,932 SF	=	31.7%

GENERAL NOTES

- EVERYTHING SHOWN IS (N) AND PART OF THIS PROJECT, U.O.N.

KEYED NOTES

- 1 EMERGENCY DRIVEWAY: LAWN OVER TURF PAVERS
- 2 EMERGENCY PIPE GATE
- 3 PEDESTRIAN GATE: 8' WIDE OPENING
- 4 EMERGENCY GATE: 20' WIDE OPENING
- 5 VEHICLES 3' OVERHANG AT LANDSCAPE AREA



CONSULTANTS

AGENCY APPROVAL

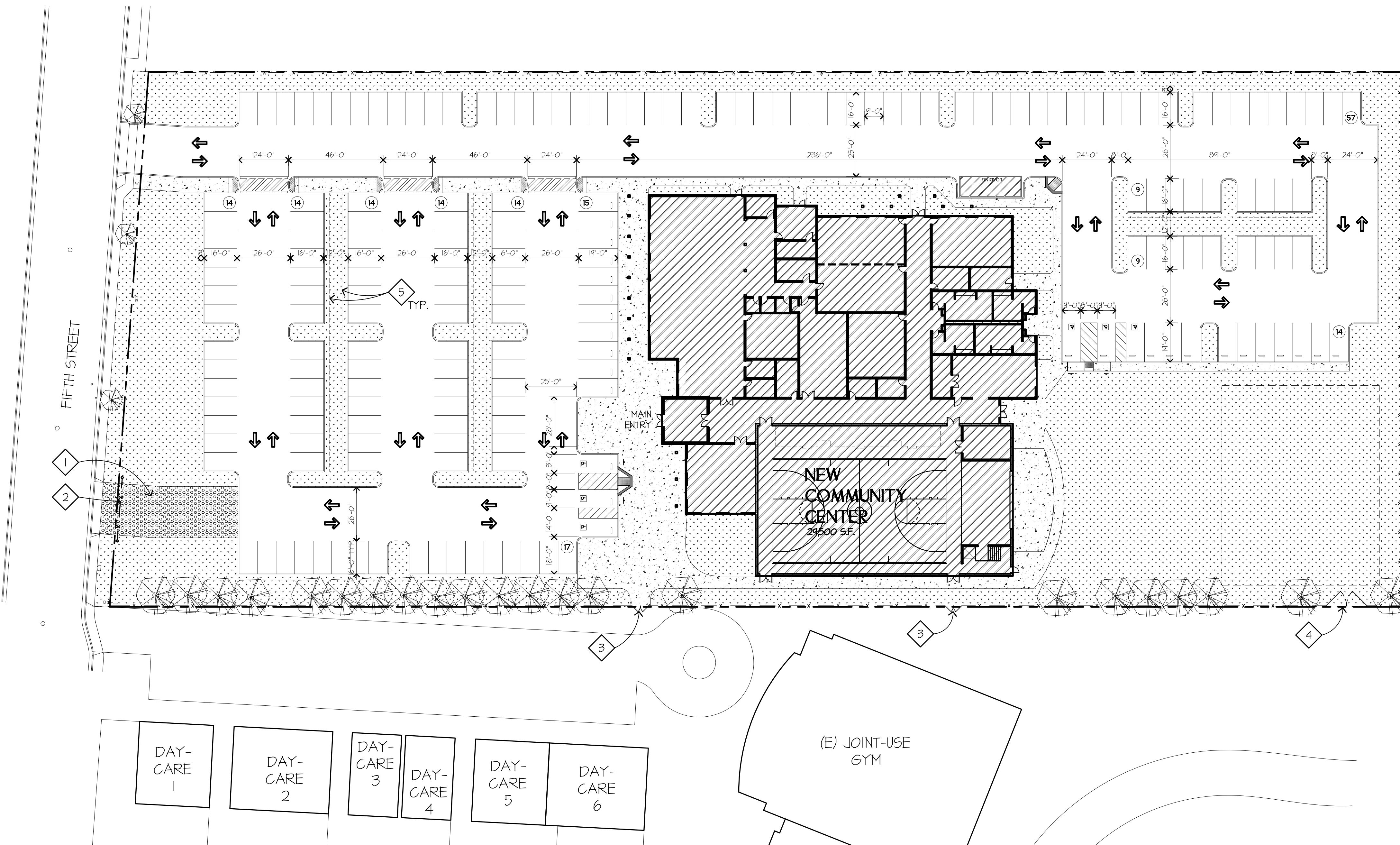
The use of these plans and specifications shall be restricted to the original site for which they were prepared and publication thereof is expressly limited to such use. Re-use, reproduction, or publication by any method, in whole or in part, is prohibited. Title to the plans and specifications remains in the architect without prejudice. Visual contact with these plans and specifications shall constitute prima facie evidence of the acceptance of these restrictions.

**NEW COMMUNITY CENTER FOR:
 CITY OF GONZALES**
 AT
5TH STREET
 GONZALES, CA
PROPOSED SITE PLAN

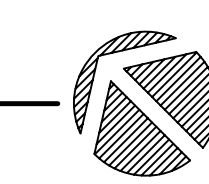
SHEET NUMBER

A11

DATE: 12-09-12
 JOB: 1209 DRAWN: CADD



SITE PLAN
1" = 30'-0"



SITE SUMMARY

1. BUILDING SQUARE FOOTAGES

(N) BUILDING 29,500 SF

2. PARKING REQUIRED

	REQUIRED	PROVIDED
PROPOSED BLD'G 1/250	118 SPACES	185 SPACES
ACCESSIBLE	6 SPACES	6 SPACES
	124 SPACES	191 SPACES

3. SITE PARKING PROVIDED

ACCESSIBLE	6 SPACES (2 VAN & 4 STANDARD)
COMPACT SPACES	0 SPACES
STANDARD SPACES	185 SPACES
TOTAL PROVIDED	191 SPACES
BIKE PARKING	10 BIKE

4. SITE SQ. FT. & LANDSCAPE REQ'D.

OPEN SPACE	131,198SF	@10% =	13,119 SF
BLD'G FOOT PRINT	29,500 SF		
TOTAL LOT	160,698SF	@10% =	16,069 SF

5. LANDSCAPING PROVIDED

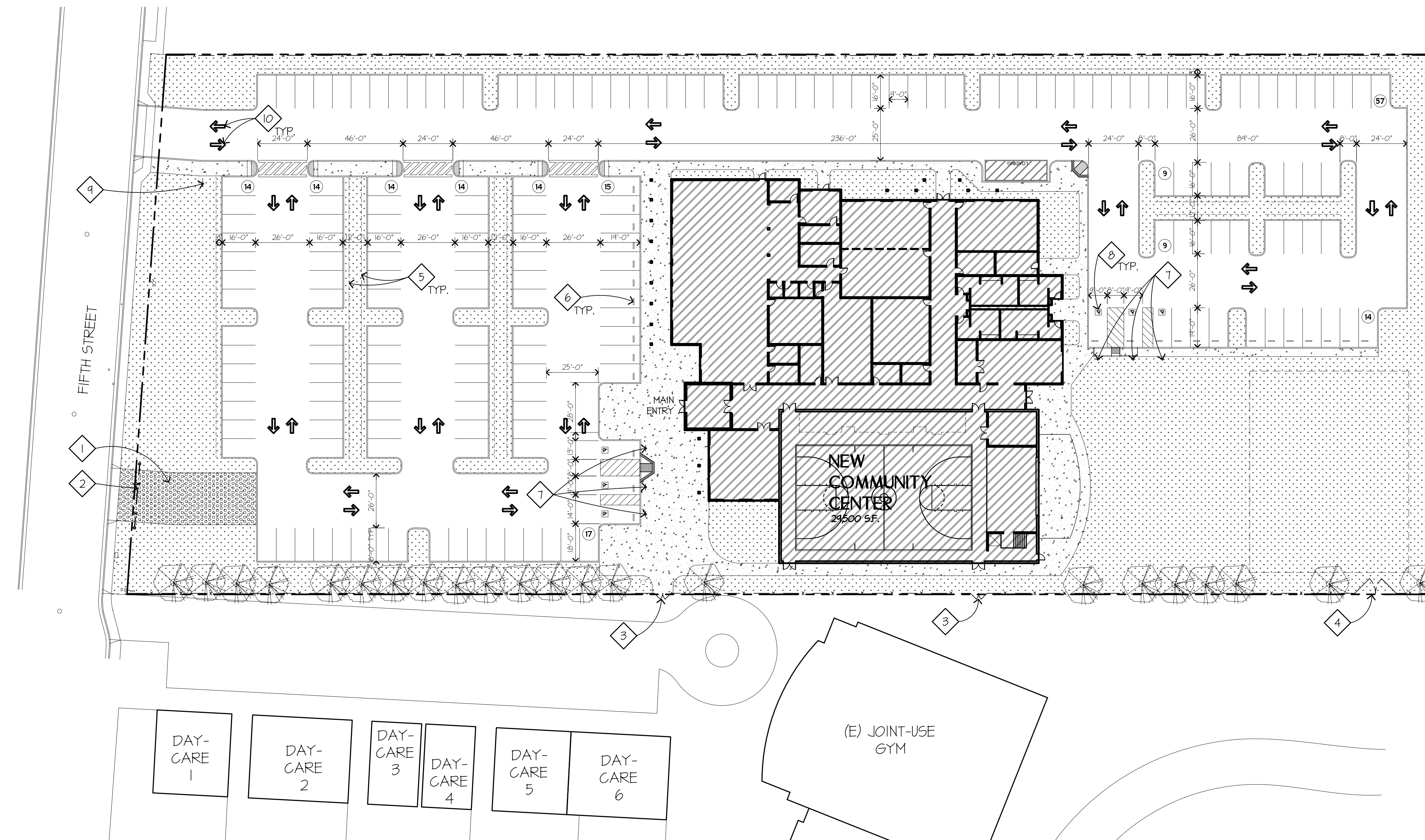
AT FRONT PARKING LOT	29,814 SF	=	18.6%
AT REAR PARKING LOT	21,118 SF	=	13.1%
TOTAL LOT	50,932 SF	=	31.7%

GENERAL NOTES

- EVERYTHING SHOWN IS (N) AND PART OF THIS PROJECT, U.O.N.

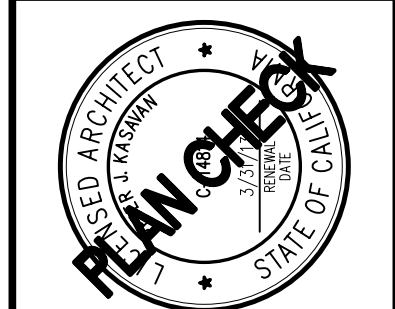
KEYED NOTES

- EMERGENCY DRIVEWAY: LAWN OVER TURF PAVERS
- EMERGENCY PIPE GATE
- PEDESTRIAN GATE: 8' WIDE OPENING
- EMERGENCY GATE: 20' WIDE OPENING
- VEHICLES 3' OVERHANG AT LANDSCAPE AREA
- CONC. WHEEL STOP
- ACCESSIBLE STALL SIGN
- PAVEMENT SYMBOL
- TOW-AWAY SIGN
- DIRECTIONAL ARROWS, PER CITY STANDARDS



SITE PLAN

1" = 30'-0"



CONSULTANTS

AGENCY APPROVAL

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NEW COMMUNITY CENTER FOR:
 CITY OF GONZALES
 AT
 5TH STREET
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 PROPOSED SITE PLAN

SHEET NUMBER

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DATE: 12-09-12
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Topo-Civil Plans

CITY OF GONZALES COMMUNITY CENTER IMPROVEMENT PLANS THE 3.69 ACRE PARCEL VOLUME 4, SURVEYS, PAGE 101

APPLICANT INFORMATION

LEGAL DESCRIPTION:
DOCUMENT: 2009047926, O.R.
THE 3.69 ACRE PARCEL
VOLUME 4, SURVEYS, PAGE 101

ASSESSOR'S PARCEL NUMBER:
020-121-005

PROJECT ADDRESS:
GABILAN COURT & FIFTH STREET
GONZALES, CA 93926

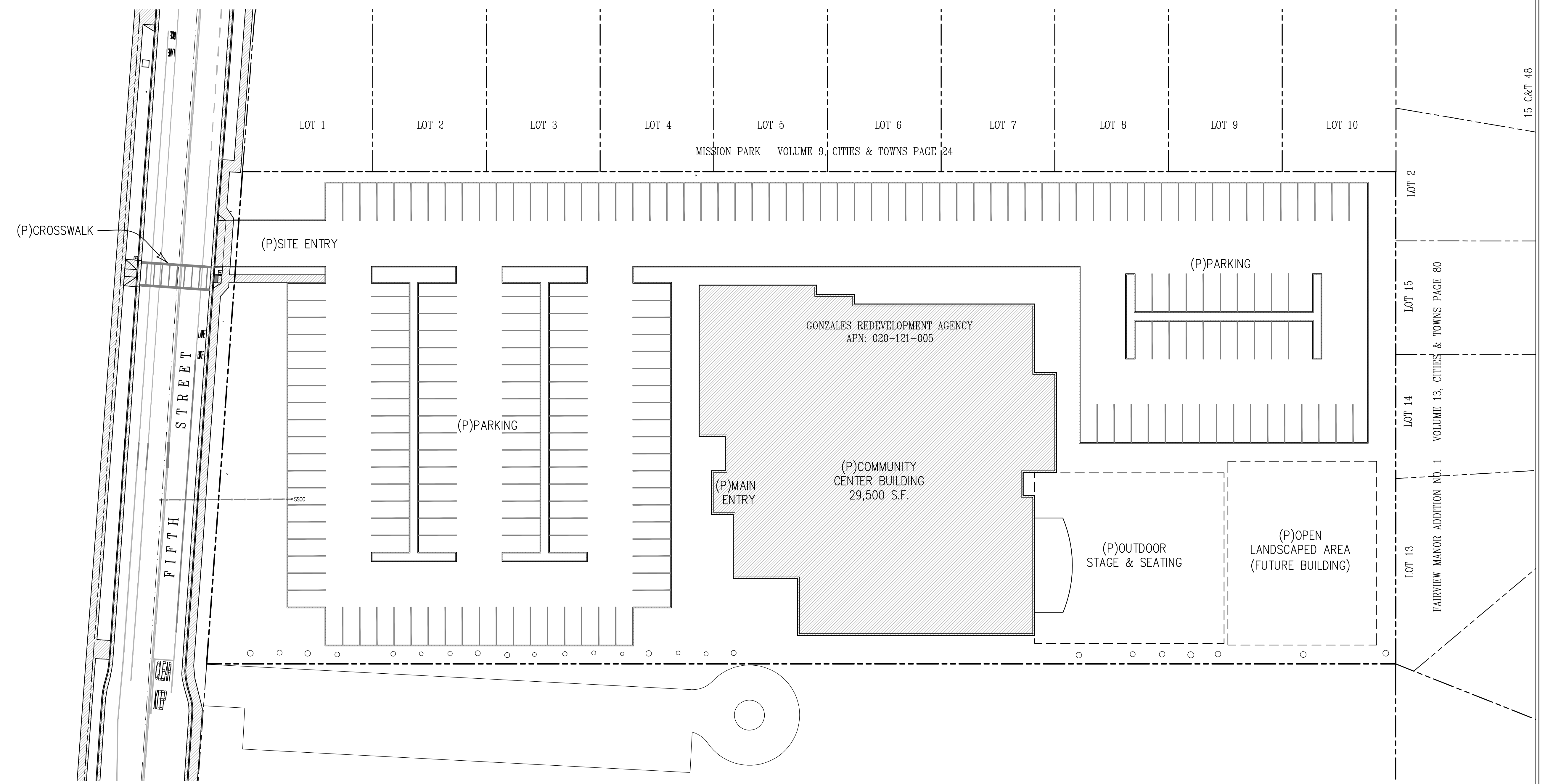
PROPERTY OWNER:
GONZALES REDEVELOPMENT AGENCY
P.O. BOX 647
GONZALES, CA 93926

DEVELOPER/AGENT:
RINCON CONSULTANTS, INC.
437 FIGUEROA STREET, SUITE 203
MONTEREY, CA 93940
(831) 333-0310

CIVIL ENGINEERING AND SURVEYING:
STEVEN C. WILSON, RCE & PLS
MONTEREY BAY ENGINEERS, INC.
607 CHARLES AVE., STE. B
SEASIDE, CA, 93955
(831) 899-7899

SURVEY NOTES:

- BOUNDARY LOCATIONS SHOWN HEREON WERE DETERMINED WITH THE BENEFIT OF A FIELD SURVEY SUPPLEMENTED BY RECORD DATA. ALL BOUNDARY DATA SHOWN ARE FROM THE RECORDS.
- DISTANCES SHOWN ARE IN FEET AND DECIMALS THEREOF.
- CONTOUR INTERVAL = 1 FOOT.
- ELEVATIONS SHOWN ARE BASED ON ASSUMED DATUM. THE PROJECT BENCHMARK IS A MAG NAIL IN THE PAVEMENT ON THE NORTHWEST SIDE OF FIFTH STREET, AS SHOWN ON SHEET 4 OF THESE PLANS. BENCHMARK ELEVATION = 50.00'.
- TREE TYPES ARE INDICATED WHEN KNOWN. DIAMETERS OF TREES ARE SHOWN IN INCHES.
- TOPOGRAPHIC INFORMATION PROVIDED BY MONTEREY BAY ENGINEERS. FIELD SURVEY COMPLETED ON JULY 16, 2012.

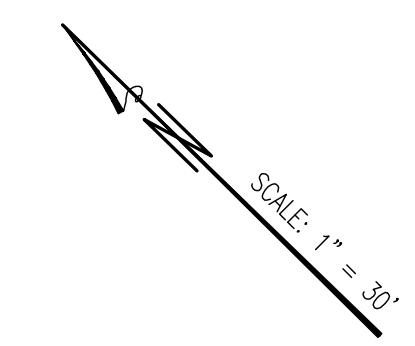


GENERAL NOTES:

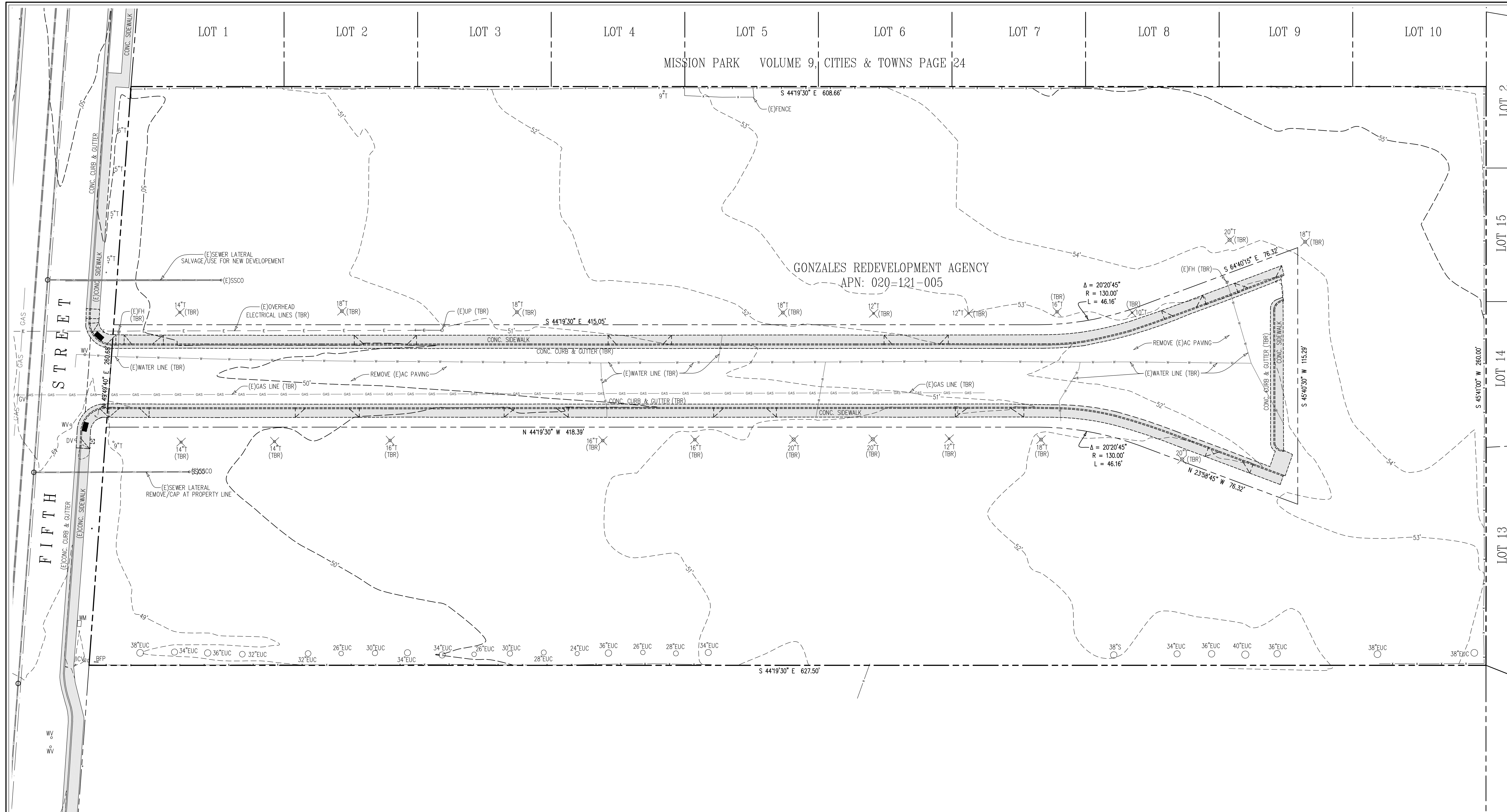
- PRIOR TO FINAL INSPECTION, ANY CURB, GUTTER AND SIDEWALK DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY A LICENSED CONCRETE CONTRACTOR IN CONFORMANCE WITH THE MOST CURRENT APPLICABLE ENGINEERING STANDARDS, AND UPON THE PRIOR ISSUANCE OF AN ENCROACHMENT PERMIT FROM THE PUBLIC WORKS DEPARTMENT.
- ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH 2007 C.B.C. STANDARDS AND SPECIFICATIONS, THE GEOTECHNICAL REPORT BY GRICE ENGINEERING, INC. (AUGUST, 2008).
- ALL GRADING SHALL CONFORM TO THE LATEST CITY OF GONZALES PUBLIC WORKS DEPARTMENT DESIGN STANDARDS AND STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO THE START OF ANY WORK.
- ALL FILL SHALL BE COMPACTED TO 95% RELATIVE COMPACTION UNDER DRIVEWAY AND PAVED AREAS, AND WITHIN THE UPPER 8" OF FINISHED GRADE, AND 90% ELSEWHERE.
- ALL CUT SHALL BE USED ON SITE AS FILL MATERIAL ON THE JOB SITE. ROCK OVER 2.5 INCHES IN ITS MAXIMUM DIMENSION MAY NOT BE USED IN A FILL. NO ORGANIC MATERIAL SHALL BE PERMITTED IN FILLS EXCEPT AS TOPSOIL USED FOR SURFACE PLANT GROWTH ONLY. ALL FILL SHOULD BE SACRIFICED 6" MOISTURE CONDITIONED AND COMPACTED TO 90%. ENGINEERED FILL SHOULD BE PLACED IN THIN LIFTS NOT EXCEEDING 6" IN LOOSE THICKNESS AND COMPACTED TO 90% RELATIVE DENSITY. SEE THE GEOTECHNICAL REPORT PREPARED BY HARO, KASUNICH & ASSOCIATES FOR ADDITIONAL REQUIREMENTS.
- ALL GRADING AROUND THE HOUSE SHOULD SLOPE AWAY FROM THE STRUCTURE AT 5% FOR 10' MIN. SLOPE AWAY FROM THE STRUCTURE MAY BE REDUCED TO 2% WHEN OVER IMPERMEABLE SURFACES.
- PAD ELEVATIONS SHALL BE CERTIFIED TO 0.1 FEET, PRIOR TO DIGGING ANY FOOTINGS OR SCHEDULING AND INSPECTIONS.
- A WATER TRUCK SHALL BE MAINTAINED ON SITE AS NEEDED FOR DUST CONTROL DURING CONSTRUCTION.
- A COPY OF ALL COMPACTION TESTS AND VARIOUS GRADING REPORTS SHALL BE AVAILABLE ONSITE AT ALL TIMES.
- ALL REQUIRED TREE PROTECTION CONDITIONS SHALL BE IMPLEMENTED BEFORE GRADING OR CONSTRUCTION ACTIVITIES BEGIN.
- A COPY OF ALL FIELD REPORTS, COMPACTION TESTS, AND FINAL GRADING REPORT SHALL BE SUBMITTED TO THE CITY AT SCHEDULED INSPECTIONS.
- ONLY MATERIAL MEETING INDUSTRY STANDARDS SHALL BE USED.

LEGEND:

AC ASPHALTIC CONCRETE	TDC TOP OF DEPRESSED CURB
BFP BACK FLOW PREVENTER	SSCO SANITARY SEWER CLEAN OUT
CB CATCH BASIN	SSMH SANITARY SEWER MANHOLE
DI DROP INLET	TSB TRAFFIC SIGNAL BOX
(E) EXISTING	TSP TRAFFIC SIGNAL POLE
EUC EUCALYPTUS	WM WATER METER
FF FINISHED FLOOR	⊕ or CO CLEAN OUT
FH FIRE HYDRANT	
FL FLOW LINE	
INV INVERT ELEVATION	— x — FENCE LINE
LF LINEAR FEET	— — — — — PROPOSED CONTOURS
(P) PROPOSED	— — — — — EXISTING CONTOURS
RIM RIM ELEVATION	xx.xx PROPOSED TOP OF CURB
SF SQUARE FEET	xx.xx PROPOSED SURFACE ELEV.
TC TOP OF CURB	



REVISIONS		OVERVIEW / SITE PLAN			
DATE	BY	CITY OF GONZALES COMMUNITY CENTER GABILAN COURT AT FIFTH STREET THE 3.69 ACRE PARCEL VOLUME 4, SURVEYS, PAGE 101 CITY OF GONZALES COUNTY OF MONTEREY STATE OF CALIFORNIA			
		PREPARED FOR RINCON CONSULTANTS			
		BY MONTEREY BAY ENGINEERS, INC.			
		607 CHARLES AVE. SUITE B (831) 899-7899 SEASIDE, CALIFORNIA 93955			
		SCALE 1" = 30'	DATE JUL 2012	DRAWN BY BCW	SHEET C1 OF 4
JOB No. 12-035					



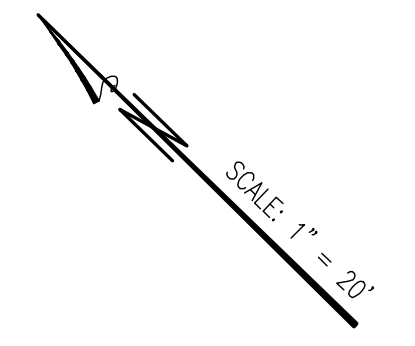
GONZALES REDEVELOPMENT AGENCY
APN: 020-121-005

LEGEND:

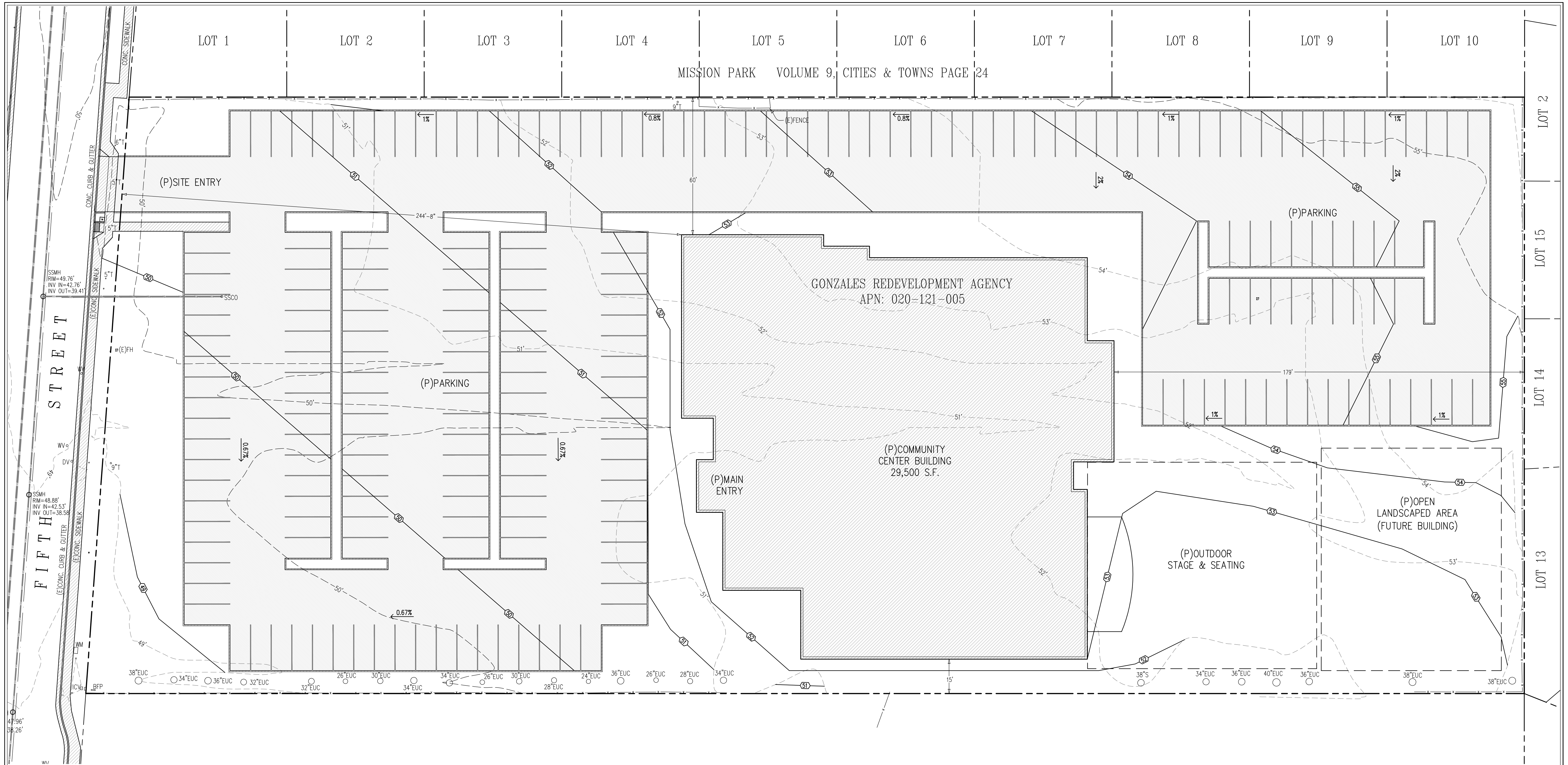
AC ASPHALTIC CONCRETE	TDC TOP OF DEPRESSED CURB
BFP BACK FLOW PREVENTER	SSCO SANITARY SEWER CLEAN OUT
CB CATCH BASIN	SSMH SANITARY SEWER MANHOLE
DI DROP INLET	TSB TRAFFIC SIGNAL BOX
(E) EXISTING	TSP TRAFFIC SIGNAL POLE
EUC EUCALYPTUS	WM WATER METER
FF FINISHED FLOOR	⊕ or CD CLEAN OUT
FH FIRE HYDRANT	
FL FLOW LINE	x FENCE LINE
INV INVERT ELEVATION	--- x --- PROPOSED CONTOURS
LF LINEAR FEET	--- 50' --- EXISTING CONTOURS
(P) PROPOSED	XX.XX PROPOSED TOP OF CURB
RIM RIM ELEVATION	/XX.XX PROPOSED SURFACE ELEV.
SF SQUARE FEET	
TC TOP OF CURB	

SURVEY NOTES:

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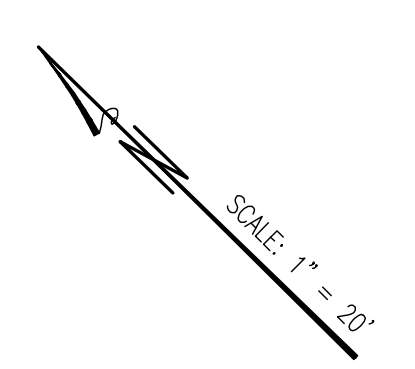


REVISIONS		DEMOLITION PLAN			
DATE	BY	CITY OF GONZALES COMMUNITY CENTER GABILAN COURT AT FIFTH STREET THE 3.69 ACRE PARCEL VOLUME 4, SURVEYS, PAGE 101 CITY OF GONZALES COUNTY OF MONTEREY STATE OF CALIFORNIA			
		PREPARED FOR RINCON CONSULTANTS			
		BY MONTEREY BAY ENGINEERS, INC.			
		607 CHARLES AVE. SUITE B (831) 899-7899 SEASIDE, CALIFORNIA 93955			
		SCALE 1" = 20'	DATE JUL 2012	DRAWN BY BCW	SHEET C2 OF 9
JOB No. 12-035					

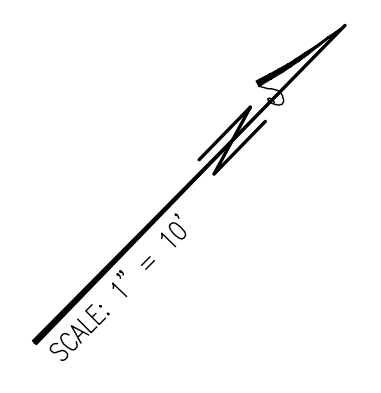
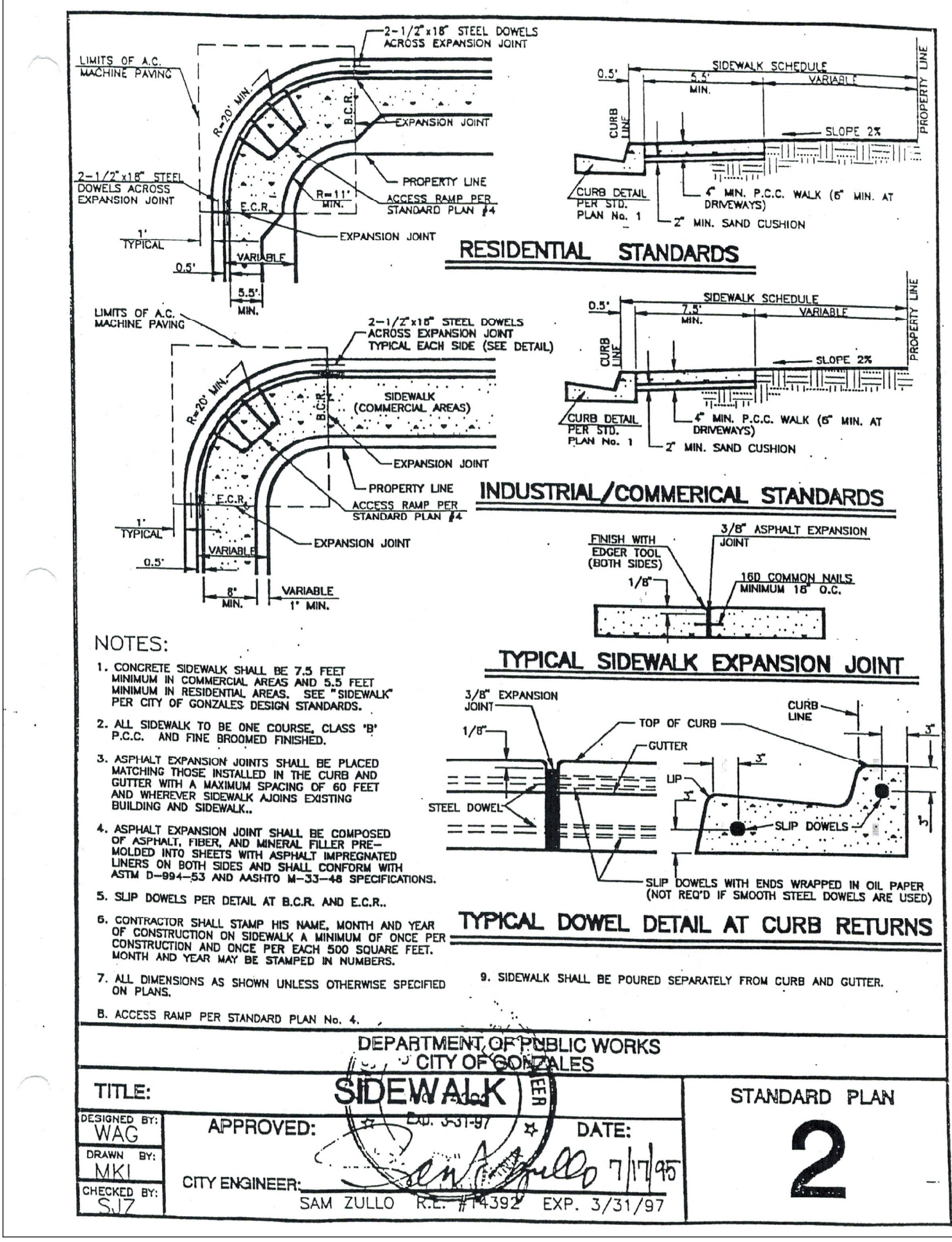
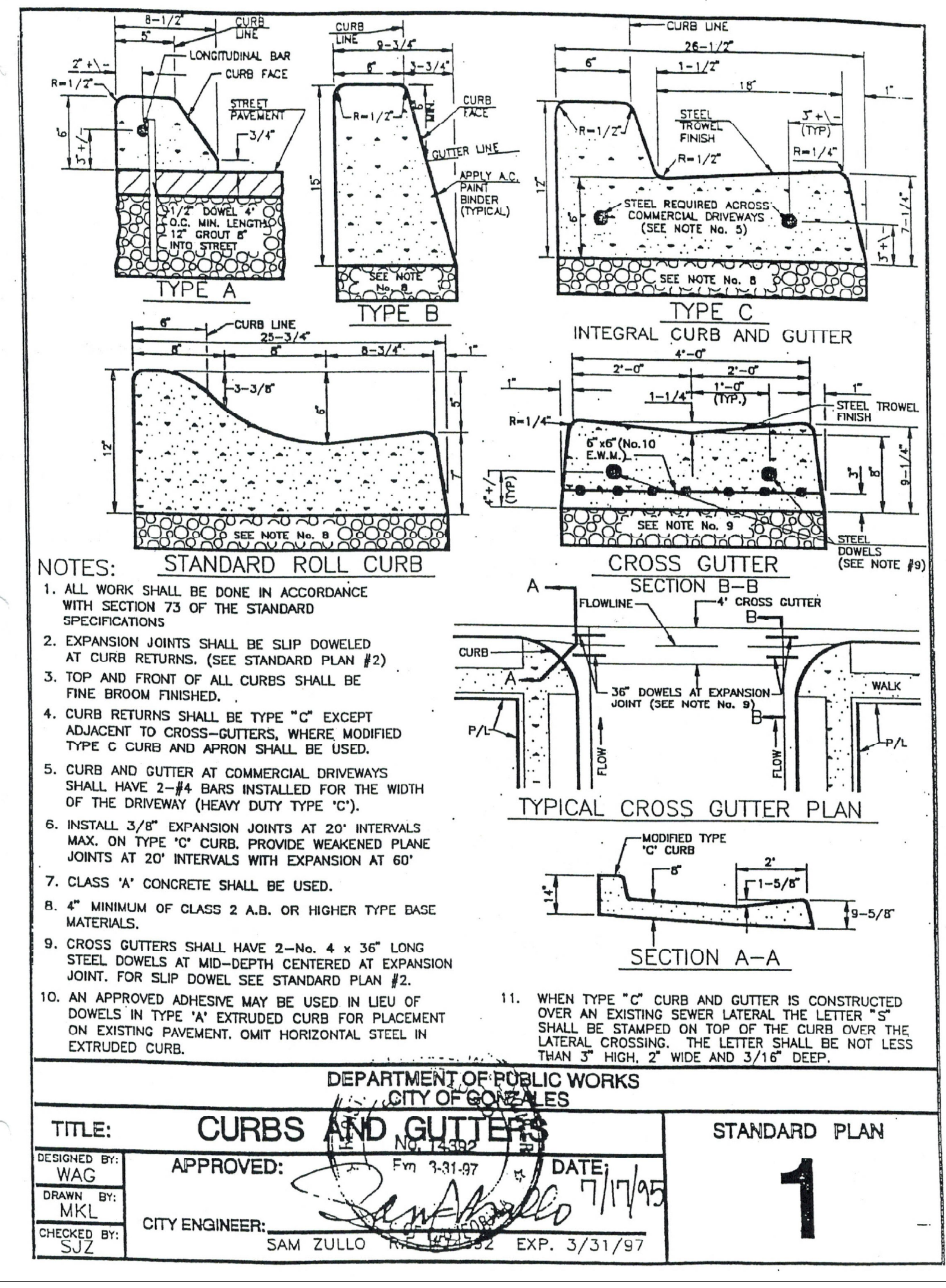
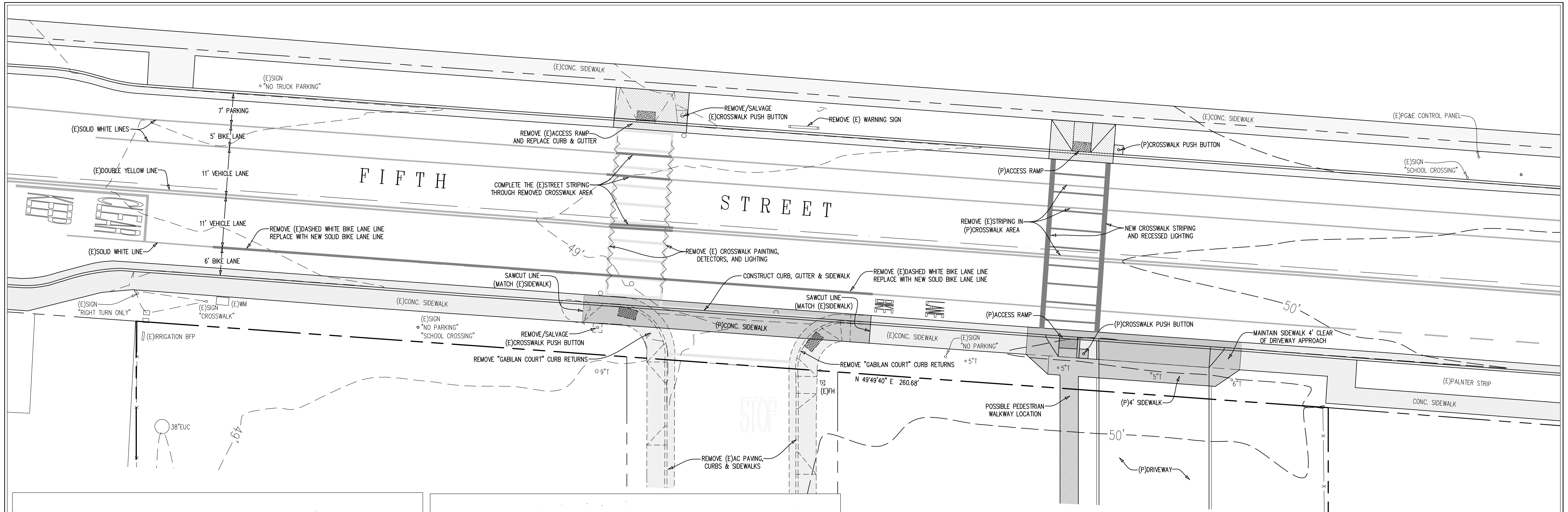


LEGEND:

- | | |
|-------------------------------|-------------------------------------|
| AC . . . ASPHALTIC CONCRETE | TDC . . . TOP OF DEPRESSED CURB |
| BFP . . . BACK FLOW PREVENTER | SSCO . . . SANITARY SEWER CLEAN OUT |
| CB . . . CATCH BASIN | SSMH . . . SANITARY SEWER MANHOLE |
| DI . . . DROP INLET | TSB . . . TRAFFIC SIGNAL BOX |
| (E) . . . EXISTING | TSP . . . TRAFFIC SIGNAL POLE |
| EUC . . . EUCALYPTUS | WM . . . WATER METER |
| FF . . . FINISHED FLOOR | ⊕ or CO . . . CLEAN OUT |
| FH . . . FIRE HYDRANT | — x — FENCE LINE |
| FL . . . FLOW LINE | — 51' — PROPOSED CONTOURS |
| INV . . . INVERT ELEVATION | — 50' — EXISTING CONTOURS |
| LF . . . LINEAR FEET | XX.XX . . . PROPOSED TOP OF CURB |
| (P) . . . PROPOSED | XX.XX . . . PROPOSED SURFACE ELEV. |
| RIM . . . RIM ELEVATION | |
| SF . . . SQUARE FEET | |
| TC . . . TOP OF CURB | |



REVISIONS		SITE PLAN / GRADING CONCEPT	
DATE	BY		
		CITY OF GONZALES COMMUNITY CENTER GABILAN COURT AT FIFTH STREET THE 3.69 ACRE PARCEL VOLUME 4, SURVEYS, PAGE 101 CITY OF GONZALES COUNTY OF MONTEREY STATE OF CALIFORNIA	
		PREPARED FOR RINCON CONSULTANTS	
		BY MONTEREY BAY ENGINEERS, INC.	
		607 CHARLES AVE. SUITE B (831) 899-7899 SEASIDE, CALIFORNIA 93955	
SCALE	DATE	DRAWN BY	SHEET
1" = 20'	JUL 2012	BCW	C3 OF 4
JOB NO. 12-035			



REVISIONS		DATE		BY	

5TH STREET STRIPING					
CITY OF GONZALES COMMUNITY CENTER GABILAN COURT AT FIFTH STREET THE 3.69 ACRE PARCEL VOLUME 4, SURVEYS, PAGE 101 CITY OF GONZALES COUNTY OF MONTEREY STATE OF CALIFORNIA					
PREPARED FOR RINCON CONSULTANTS					
BY MONTEREY BAY ENGINEERS, INC.					
607 CHARLES AVE. SUITE B (831) 899-7899 SEASIDE, CALIFORNIA 93955					
SCALE	DATE	DRAWN BY	SHEET	JOB No. 12-035	
1" = 10'	JUL 2012	BCW	C4 OF 4		