

# GRANTLINE WEST

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## Mitigated Negative Declaration



City of Rancho Cordova  
3121 Gold Canal Drive  
Rancho Cordova, CA 95670

May 2005

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MITIGATED NEGATIVE DECLARATION  
FOR  
GRANTLINE WEST  
CITY OF RANCHO CORDOVA, CALIFORNIA

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## 1.1 INTRODUCTION AND REGULATORY GUIDANCE

This document is an Initial Study and Mitigated Negative Declaration (MND), for the proposed Grantline West Mining project. This MND has been prepared in accordance with the California Environmental Quality Act (CEQA), Public Resources Code Sections 21000 *et seq.*, and the CEQA Guidelines.

An initial study is conducted by a lead agency to determine if a project may have a significant effect on the environment. In accordance with the CEQA Guidelines, Section 15064, an environmental impact report (EIR) must be prepared if the initial study indicates that the proposed project under review may have a potentially significant impact on the environment. A negative declaration may be prepared instead, if the lead agency prepares a written statement describing the reasons why a proposed project would not have a significant effect on the environment, and, therefore, why it does not require the preparation of an EIR (CEQA Guidelines Section 15371). According to CEQA Guidelines Section 15070, a negative declaration shall be prepared for a project subject to CEQA when either:

- a) *The initial study shows there is no substantial evidence, in light of the whole record before the agency, that the proposed project may have a significant effect on the environment, or*
- b) *The initial study identified potentially significant effects, but:*
  - (1) *Revisions in the project plans or proposals made by or agreed to by the applicant before the proposed negative declaration is released for public review would avoid the effects or mitigate the effects to a point where clearly no significant effects would occur, and*
  - (2) *There is no substantial evidence, in light of the whole record before the agency, that the proposed project as revised may have a significant effect on the environment.*

If revisions are adopted into the proposed project in accordance with the CEQA Guidelines Section 15070(b), a mitigated negative declaration is prepared.

## 1.2 LEAD AGENCY

The lead agency is the public agency with primary responsibility over a proposed project. Where two or more public agencies will be involved with a project, CEQA Guidelines Section 15051 provides criteria for identifying the lead agency. In accordance with CEQA Guidelines Section 15051(b) (1), "the lead agency will normally be the agency with general governmental powers, such as a city or county, rather than an agency with a single or limited purpose." Based on these criteria, the City of Rancho Cordova will serve as lead agency for the proposed Grantline West project.

## 1.3 PURPOSE AND DOCUMENT ORGANIZATION

The purpose of this Initial Study and draft Mitigated Negative Declaration is to evaluate the potential environmental impacts of the proposed Grantline West project.

## 1.0 INTRODUCTION

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This document is divided into the following sections:

- **1.0 Introduction** - Provides an introduction and describes the purpose and organization of this document.
- **2.0 Project Description** - Provides a detailed description of the proposed project.
- **3.0 Environmental Setting, Impacts and Mitigation Measures** - Describes the environmental setting for each of the environmental subject areas, evaluates a range of impacts classified as “no impact,” “less than significant,” or “potentially significant unless mitigation incorporated” in response to the environmental checklist, and provides mitigation measures, where appropriate, to mitigate potentially significant impacts to a less than significant level.
- **4.0 Cumulative Impacts** - Includes a discussion of cumulative impacts of this project.
- **5.0 Determination** - Provides the environmental determination for the project.
- **6.0 Report Preparation and Consultations** - Identifies staff and consultants responsible for preparation of this document, persons and agencies consulted, and references.
- **7.0 References** – List of references used to prepare the MND.

### 1.4 ASSUMPTIONS

The City of Rancho Cordova has adopted Sacramento County’s General Plan by reference. All references to the County General Plan, including standards, shall be interpreted as the City’s General Plan.

### 2.1 PROJECT LOCATION

The Grantline West Mining project site is located within the City of Rancho Cordova, approximately 1,500 feet south of White Rock Road, 330 feet east of Sunrise Boulevard, and 2,600 feet north of Douglas Road. **Figures 1 and 2** show the project location and vicinity in relation to the surrounding community.

### 2.2 BACKGROUND

The project site consists of a 583-acre proposed mining area situated within a 1,100-acre parcel owned by Elliot Homes, Inc. Approximately 355 acres of the total mining area will be disturbed as part of the mining operations. These tailings consist of cobbles intermixed with sand and gravel, and vary from 10 to 50 feet in height with typical base widths in the range of 100 to 300 feet. After the mining is complete, the land will be undeveloped open space and will be used for seasonal grazing; similar to the grazing which currently occurs on the property and adjacent properties.

### 2.3 PROJECT CHARACTERISTICS

The proposed project includes the mining of approximately 583 acres of tailings, which were created by gold dredge mining operations approximately 60 to 100 years ago. The proposed operation will remove these mounds resulting in the site with elevations similar to the natural elevation of the site prior to the gold dredging operations. All material mined will be transported by conveyor to the existing Teichert Grantline processing plant. The proposed project estimates removal of approximately 7 to 12 million cubic yards from the project site, which equates to approximately 11 to 18 million tons of material. Because production rates will vary as a function of market demand, it is not possible to determine the exact life of proposed operations. However, it is estimated that mining of this resource could take up to 12 years from the date of approval.

The proposed mining site is located within the Aerojet Special Planning Area and is therefore zoned SPA. According to section 508-304(c) of the Zoning Code, as amended by Ordinance No. SZC 97-0040, the uses allowed within that zone are those permitted for any Permanent Agriculture Zone. In compliance with sections 201-02, 201-04 and 205-09 of the Zoning Code, the Applicant is requesting a rezone of the site to include Surface Mining (SM) overlay and approval of a Conditional Use Permit and its Mining and Reclamation Plan to allow surface mining operations on this site. **Figure 3** shows the proposed reclamation plan and **Figure 4** shows the entire project boundary, including the proposed conveyor alignment along with environmental constraints (See **Appendix A** for complete Reclamation Plan).

### 2.4 REQUIRED PROJECT APPROVALS

In addition to the approval of the proposed project by the City Council of the City of Rancho Cordova, the following agency approvals may be required (depending on the final project design):

- Caltrans
- California Department of Conservation
- Sacramento County Water Agency (SCWA) Zone 40
- Sacramento Metropolitan Air Quality Management District (SMAQMD)
- Central Valley Regional Water Quality Control Board (CVRWQB)
- Sacramento Resource Conservation District (SRCD)

## 2.0 PROJECT DESCRIPTION

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- California Department of Fish and Game (CDFG)
- U.S. Army Corps of Engineers (USACE)
- U.S. Fish and Wildlife Service (USFWS)
- County Sanitation District (CSD-1)
- California State Department of Conservation Mining and Geology Board

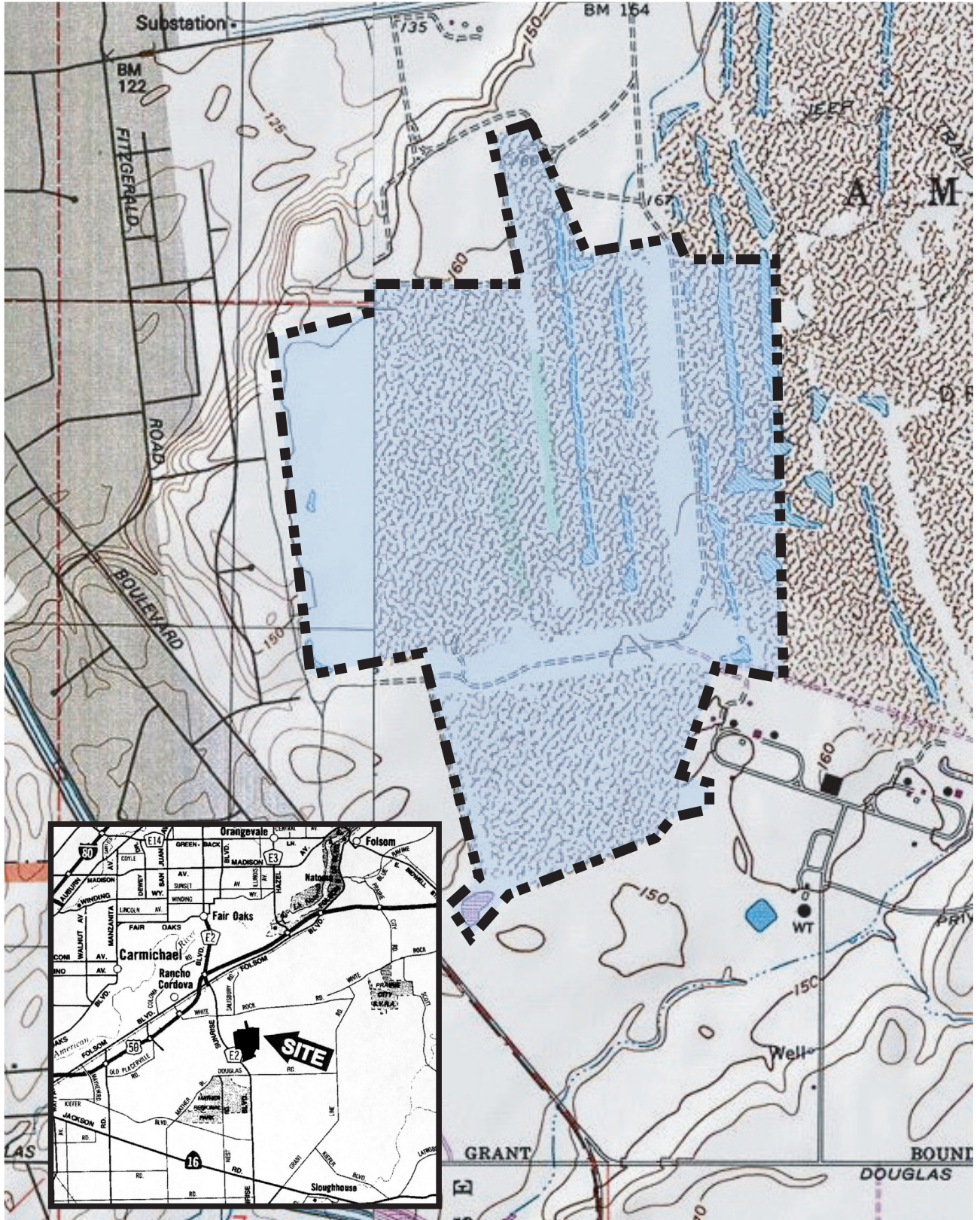




Source: Navigation technologies, 2002



FIGURE 1  
REGIONAL LOCATION MAP



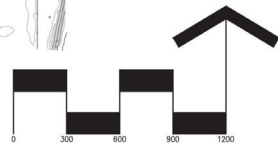
**FIGURE 2**  
**SITE & VICINITY MAP**





**LEGEND**

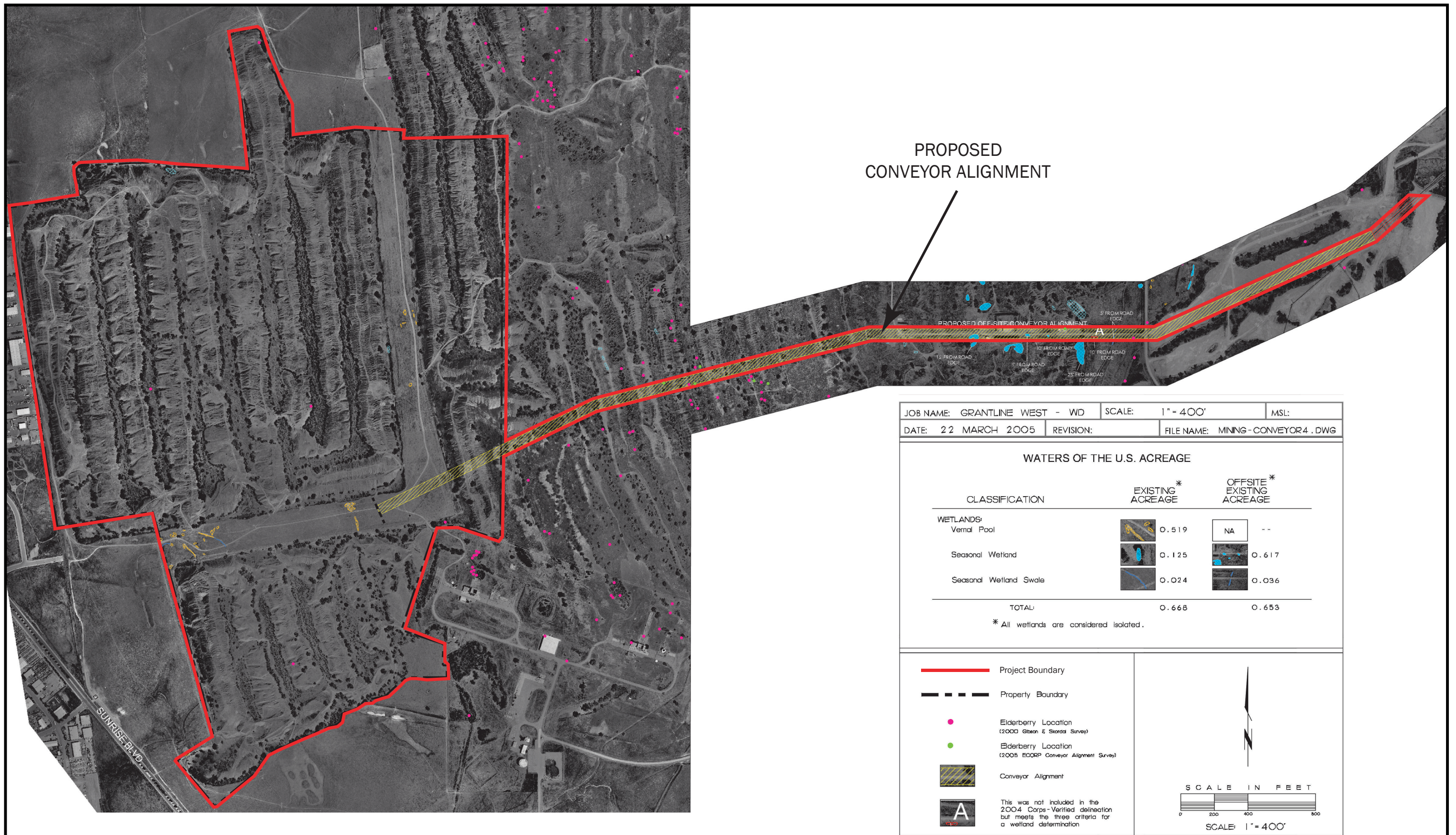
- Areas to be broadcast seeded
- | Common Name      | Botanical Name            |
|------------------|---------------------------|
| Soft-chess brome | <i>Bromus hordeaceus</i>  |
| Wild oat         | <i>Avena fatua</i>        |
| Rose clover      | <i>Trifolium hirtum</i>   |
| Zorno fescue     | <i>Vulpia myuros</i>      |
| Six-weeks fescue | <i>Vulpia bromioides</i>  |
| Red-stem filaree | <i>Erodium cicutarium</i> |
- 334 Protected Elderberries  
All elderberries shall be protected by installing high visibility construction fencing 30 feet from the outer edge of each shrub or group of shrubs
  - 1281 Oak Trees
  - V81 Vernal Pools
  - Existing Trees and Vegetation



Source: G.C. Wallace of California, Inc.



**FIGURE 3  
PROPOSED RECLAMATION PLAN**



Source: ECORP Consulting, Inc.



**FIGURE 4**  
**Proposed Project Site with Biological Constraints**

### 3.1 INTRODUCTION

This section provides an evaluation of the potential environmental impacts of the proposed project, including the CEQA Mandatory Findings of Significance. There are 14 specific environmental issues evaluated in this chapter. Other CEQA considerations are evaluated in Chapter 4.0. The environmental issues evaluated in this chapter include:

- Land Use Planning, Population, and Housing
- Geophysical (Earth)
- Water
- Air Quality
- Transportation/Circulation
- Biological Resources
- Energy and Mineral Resources
- Hazards
- Noise
- Public Services
- Utilities and Services Systems
- Aesthetics
- Cultural Resources
- Recreation

For each issue area, one of four conclusions is made:

- **No Impact:** No project-related impact to the environment would occur with project development.
- **Less than Significant Impact:** The proposed project would not result in a substantial and adverse change in the environment. This impact level does not require mitigation measures.
- **Potentially Significant Unless Mitigation Incorporated:** The proposed project would result in an environmental impact or effect that is potentially significant, but the incorporation of mitigation measure(s) would reduce the project-related impact to a less than significant level.
- **Potentially Significant Impact:** The proposed project would result in an environmental impact or effect that is potentially significant. If there is one or more "Potentially Significant Impact" entries when the determination is made, and EIR is required.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

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#### INITIAL ENVIRONMENTAL STUDY

1. **Project Title:** Grantline West
2. **Lead Agency Name and Address:** City of Rancho Cordova  
3121 Gold Canal Drive  
Rancho Cordova, CA 95670
3. **Contact Person and Phone Number:** Hilary Anderson (916) 361-8384
4. **Project Location:** The project site consists of a 583-acre proposed mining area situated within a 1,100-acre parcel owned by Elliot Homes Inc. The site is located approximately 1,500 feet south of White Rock Road, 330 feet east of Sunrise Boulevard, and 2,600 feet north of Douglas Road. Approximately 355 acres of the total mining area will be disturbed. See **Figures 1 and 2** located within Section 2.0 of this document.
5. **Project Sponsor's Name and Address:** Grantline Road Properties, LLC  
P.O. Box 15002  
Sacramento CA, 95851-1002
6. **General Plan Designation(s):** E-IND, I-IND (aggregate resource overlay).
7. **Zoning:** SPA (AG-80)
8. **Specific Plan:** The proposed project site is located approximately 1 mile north of the Sunridge Specific Plan Area, which was approved by the Sacramento County Board of Supervisors on September 18, 2002 (Resolution No. 2002-0901).
9. **APN Number:** 072-0370-071
10. **Description of the Project:** Mining of approximately 583 acres of tailings, which were created by gold dredge mining operations approximately 60 to 100 years ago. The proposed operation will remove these mounds resulting in the site with elevations similar to the natural elevation of the site prior to the gold dredging operations. All material mined will be transported by conveyor to the existing Grantline processing plant. The proposed project estimates removal of approximately 7 to 12 million cubic yards from the project site, which equates to approximately 11 to 18 million tons of material. Because production rates will vary as a function of market demand, it is not possible to determine the exact life of proposed operations. However, it is estimated that mining of this resource could take up to 12 years from the date of approval.
11. **Surrounding Land Uses and Setting:** The project site is generally bounded by White Rock Road to the north, vacant land to the south, industrial land to the west, and the Aerojet Mining Site to the east.
12. **Other public agencies whose approval is required (e.g., permits, financing approval, or participation agreement).**
  1. Caltrans
  2. Sacramento County Water Agency (SCWA) Zone 40
  3. Sacramento Metropolitan Air Quality Management District (SMAQMD)
  4. Central Valley Regional Water Quality Control Board (CVRWQB)
  5. Sacramento Metropolitan Utility District (SMUD)

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

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6. Sacramento Resource Conservation District (SRCD)
7. California Department of Fish and Game (CDFG)
8. County Sanitation District (CSD-1)
9. California State Department of Conservation Mining and Geology Board

#### ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

The environmental factors checked below would be potentially affected by this project involving at least one impact that is a "Potentially Significant Impact Unless Mitigation is Incorporated" as indicated by the checklist on the following pages.

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Aesthetics                      | <input type="checkbox"/> Hazards & Hazardous Materials | <input type="checkbox"/> Public Services                               |
| <input type="checkbox"/> Agricultural Resources          | <input type="checkbox"/> Hydrology/Water Quality       | <input type="checkbox"/> Recreation                                    |
| <input checked="" type="checkbox"/> Air Quality          | <input type="checkbox"/> Land Use and Planning         | <input type="checkbox"/> Transportation/ Traffic                       |
| <input checked="" type="checkbox"/> Biological Resources | <input type="checkbox"/> Mineral Resources             | <input type="checkbox"/> Utilities & Service Systems                   |
| <input type="checkbox"/> Cultural Resources              | <input type="checkbox"/> Noise                         | <input checked="" type="checkbox"/> Mandatory Findings of Significance |
| <input type="checkbox"/> Geology and Soils               | <input type="checkbox"/> Population and Housing        |  |

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

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#### PURPOSE OF THIS INITIAL STUDY

This Initial Study has been prepared consistent with CEQA Guidelines Section 15063, to determine if the Grantline West project, as proposed, may have a significant effect upon the environment. Based upon the findings contained within this report, the Initial Study will be used in support of the preparation of a Mitigated Negative Declaration. (The discussion demonstrates that there are no potentially significant impacts identified that cannot be mitigated to a less-than-significant level. Therefore, an EIR is not warranted.)

#### EVALUATION OF ENVIRONMENTAL IMPACTS

1. A brief explanation is required for all answers except "No Impact" answers that are adequately supported by the information sources cited. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g. the project falls outside a fault rupture zone). A "No Impact" answer should be explained where it is based on project-specific factors as well as general standards.
2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect, and construction as well as operational impacts.
3. A "Less than Significant Impact" applies when the proposed project would not result in a substantial and adverse change in the environment. This category also applies when the impact has been previously addressed and it has been determined that there are no new impacts created by the project. This impact level does not require mitigation measures.
4. "Potentially Significant Impact" is appropriate if there is substantial evidence that an effect is significant. If there are one or more "Potentially Significant Impact" entries when the determination is made, an EIR is required.
5. "Potentially Significant Unless Mitigation Incorporated" applies where the incorporation of mitigation measures has reduced an effect from "Potentially Significant Impact" to a "Less than Significant Impact". The initial study must describe the mitigation measures and briefly explain how they reduce the effect to a less than significant level.
6. Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration.
7. Preparers are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g. general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated. A source list should be attached and other sources used or individual contacts should be cited in the discussion.
8. Impacts that were originally classified as potentially significant on previous documents may now be indicated as less than significant. These particular impacts will be marked as "Less than Significant Impact" if the Specific Plan does not create any new impacts for the project area than those previously evaluated.



### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>I. AESTHETICS.</b> Would the project:				
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Substantially degrade the existing visual character or quality of the site and its surroundings?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Create a new source of substantial light or glare that would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

#### DISCUSSION OF IMPACTS

- a) *Less Than Significant Impact.* The project's potential visual resource impacts would be minimal. There are no scenic vista views available from the proposed project site. Mid-range views consist of rural homesteads, limited agriculture operations, and open space. Long-range views generally consist of rural/agricultural land uses, power transmission lines, industrial and aggregate operations and military/airport operations. Implementation of the project would not adversely affect views on nearby or distant scenic vistas; therefore, this impact is considered *less than significant*.
- b) *Less Than Significant Impact.* The nearest highways are United States 50 (US 50) and the Jackson Highway (State Route 16), which are not designated as a state scenic highway in the vicinity of the proposed project site. US 50 is approximately 4 miles north of the project site and State Route 16 is approximately 4 miles south of the project sites. Due to this distance, implementation of the projects would not damage scenic highway resource views in the area. Therefore, this impact is considered *less than significant*.
- c) *No Impact.* The proposed project would help to change the site back to original grades that occurred prior to past mining activities. This would improve the visual character of the site and surrounding areas.
- d) *No Impact.* The proposed project would not create any new sources of light and or glare that could affect views in the area. Similar activities have been occurring on the "Clark Mining Site" adjacent to the proposed project site since 1989.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<p><b>II. AGRICULTURE RESOURCES.</b> In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997), prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:</p>				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Involve other changes in the existing environment, which, due to their location or nature, could result in conversion of Farmland to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

#### DISCUSSION OF IMPACTS

- a) *No Impact.* The proposed project site is not depicted on the CA Department of Conservation's Farmland Mapping and Monitoring Program (FMMP) as having prime farmland (P), farmland of statewide importance (S), and or unique farmland (U). Therefore, there is *no impact* to the conversion of significant farmland.
- b) *No Impact.* The proposed project site is not under Williamson Act Contract, nor is it currently being farmed.
- c) *No Impact.* See a) and b) above.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>III. AIR QUALITY.</b> Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions that exceed quantitative thresholds for ozone precursors)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

#### EXISTING ENVIRONMENT

The proposed project estimates removal of approximately 7 to 12 million cubic yards from the project site, which equates to approximately 11 to 18 million tons of material. Because production rates will vary as a function of market demand, it is not possible to determine the exact life of proposed operations. However, it is estimated that mining of this resource could take up to 12 years from the date of approval. By comparison, there is approximately 5-7 million tons of material remaining at the applicant's East Site and approximately 7-10 million tons of material remaining at its Aerojet Site for a combined total of approximately 12 to 17 million tons, which is roughly equal to the amount of material available at the Grantline West site.

#### DISCUSSION OF IMPACTS

- a) *Less Than Significant Impact.* The proposed project would not conflict and or obstruct implementation the Sacramento Metropolitan Air Quality Management District's (SMAQMD) Quality Attainment Plan.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

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- b) *Potentially Significant Unless Mitigation Incorporated.* Sacramento County is a known area of non-attainment for State and Federal standards for carbon monoxide (CO), ozone, and particulate matter less than 10 microns in diameter (PM10). Equipment used during the construction of the conveyor belt and the mining and reclamation activities could elevate emissions in the immediate vicinity of the project site. A description of the construction activities and the mining and reclamation operation and the associated equipment that could operate on the project site are described below:

*Construction Activities:*

The project will require the installation of approximately 12,000 feet of conveyor line to connect the current Grantline Aggregate Plant operations to the proposed mining areas within the Grantline West project site. Approximately 2,000 ft of existing conveyor will be relocated within the Aerojet Mining project site and approximately 10,000 ft of new conveyor will be installed. Construction of the new conveyor system will involve site grading and take 3 weeks to complete with crews working 8 hours per day. A scraper and a dozer will be used 8 hours per day, while a motor grader (blade) and a water truck will be used 4 hours per day. A 2002 model CAT 637 scraper will be brought in for this phase. See **Table 1** for a description of the construction equipment and corresponding emissions.

*Mining and Reclamation Operations:*

Mining for the Grantline West Project will involve front-end loaders removing material from the historical tailing piles and depositing them onto a combination of jump conveyors that will be connected to the permanent field conveyor system. The jump conveyor system is a collection of 100' portable conveyors powered by a genset permitted under the State Portable Registration Program (PERP). Operation of the genset at this site is subject to the PERP and is consistent with SMAQMD's currently approved uses of this genset. Material will travel the length of the field conveyor system and will ultimately be placed on the Grantline Aggregate plant conveyor system where it will be processed. The mining rate at the Grantline West Project will on occasion exceed the plant's ability to process the material and material will be stockpiled at or near the surge pile. The surge pile will be located either at the Plant site or on the Clark Mine site. As the supply of material from the Grantline West site will supply the Grantline Processing Plant at its capacity, Teichert Aggregate's East and West Pits as well as the Aerojet Mine operations will shut down while the Grantline West operations are occurring. This eliminates the emissions that would be produced by the mining and reclamation equipment operating at those sites.

Initially, one front-end loader will be used at the project site, but if necessary, a second front-end loader will be added if the mining schedule requires. Loaders will operate up to 17 hours per day. A motor grader and dozer may be needed approximately 1 hour per day as needed for site grading. A water truck will operate approximately 4 hours per day within the project area. A 2002 model CAT 988 front end loader will be brought as the second loader, if necessary. The conveyor system would reduce PM10 emissions greatly by eliminating the need for dump trucks. See **Table 1** for description of mining and reclamation equipment and corresponding emissions.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

**TABLE 1  
PROPOSED EQUIPEMENT AND ASSOCIATED EMISSIONS**

<b>CONSTRUCTION</b>						
<i>Equipment</i>						
<b>Number of Equipment</b>	<b>Equipment</b>	<b>Description</b>	<b>Model Year</b>	<b>HP</b>	<b>NOx E.F. (grams/ bhp-hr)</b>	<b>Load Factor</b>
1	Dozer	CAT D-8	1994	285	4.97	0.54
1	Motor Grader	CAT 12	1994	300	2.83	0.61
1	Scraper	CAT 637	2002	750	3.32	0.72
1	Water Truck	Sterling	2002	350	2.46	0.57
<i>Emissions</i>						
<b>Use</b>	<b>Equipment</b>	<b>Daily Schedule (Hours/day)</b>	<b>Total Schedule (days total)</b>	<b>NOx (Lbs/day)</b>	<b>Total NOx (Lbs)</b>	
Site grading	Dozer	8	15	25.0	375	
Site grading	Motor Grader	4	15	7.5	112	
Site grading	Scraper	8	15	43.9	659	
Dust Control	Water Truck	4	15	7.6	114	
			<b>TOTAL</b>	<b>84.0</b>	<b>1,260</b>	
<b>OPERATIONAL</b>						
<i>Emissions</i>						
<b>Number of Equipment</b>	<b>Equipment</b>	<b>Description</b>	<b>Model Year</b>	<b>HP</b>	<b>NOx E.F. (grams/ bhp-hr)</b>	<b>Load Factor</b>
1	Dozer	CAT D-8	1994	285	4.97	0.54
1	Rubber Tired Front End Loader	CAT 988G	2002	475	2.29	0.54
1	Rubber Tired Front End Loader	CAT 988	2002	475	2.29	0.54
1	Motor Grader	CAT 12	1994	300	2.83	0.61
1	Portable Genset	CAT 3456	2003	550	3.94	1
1	Water Truck	Sterling	2002	350	2.46	0.57
<i>Emissions</i>						
<b>Use</b>	<b>Equipment</b>	<b>Existing Schedule (Hours/day)</b>	<b>Project Schedule (Hours/day)</b>	<b>Total Schedule (days/yr)</b>	<b>NOx (Lbs/day)</b>	<b>Total NOx (Lbs/yr)</b>
Mining	Dozer	1	1	260	0.0	0
Mining	Rubber Tired Front End Loader	10	17	260	16.8	2,604
Mining	Rubber Tired Front End Loader	10	17	260	16.8	2,604
Mining	Motor Grader	4	4	260	0.0	0
Power	Portable Genset	11	17	260	28.7	8,695
Dust Control	Water Truck	4	4	260	0.0	0
				<b>TOTAL</b>	<b>62.2</b>	<b>16,182</b>
<b>Notes:</b>						
1 pound =		453.6	grams			
Heavy Duty Off-Road Emission Factors provided by SMAQMD, Peter Christensen						
Portable genset emissions factors provided by Caterpillar						
Portable genset emission factor and load based on ISO 8178 D-2 weighted standards						
Portable gensets operated in compliance with State Portable Registration Program						
Daily Operational Emissions are considered daily maximum use for each piece of equipment						

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

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As shown in **Table 1**, construction related NO<sub>x</sub> emissions are projected to be 84.0 pounds per day (lbs/day). This is below the established threshold of 85 lbs/day set by the SMAQMD. Operational NO<sub>x</sub> emissions are projected to be 62.2 lbs/day, which is below the threshold of 65 lbs/day set by the SMAQMD. Both construction and operational NO<sub>x</sub> impacts are considered less than significant. However, PM<sub>10</sub> emissions could be significant, with mitigation measures needed to reduce this impact.

#### Mitigation Measures

The following mitigation measures are incorporated into the proposed project to reduce PM<sub>10</sub> emissions.

**MM 3.1a** The project applicant shall require that the operators water all haul roads at least twice daily during construction, mining and reclamation activities. This requirement shall be included as a note in the reclamation plan submittal.

*Timing/Implementation:* During all phases of the project.

*Enforcement/Monitoring:* City of Rancho Cordova Planning Department and SMAQMD.

**MM 3.1b** The project applicant shall require that the contractor limit vehicle speed for onsite construction vehicles to 15 mph when winds exceed 20 miles per hour. This requirement shall be included as a note in the reclamation plan submittal.

*Timing/Implementation:* During all phases of the project.

*Enforcement/Monitoring:* City of Rancho Cordova Planning Department and SMAQMD.

**MM 3.1c** The project applicant shall require paved streets adjacent to project site to be washed or swept daily to remove accumulated dust. This requirement shall be included as a note in the reclamation plan submittal.

*Timing/Implementation:* During all phases of the project.

*Enforcement/Monitoring:* City of Rancho Cordova Planning Department and SMAQMD.

**MM 3.1d** The project applicant shall require that, when transporting reclaimed materials by truck during mining and reclamation activities, two feet of freeboard shall be maintained by the operator, and that the materials are covered. This requirement shall be included as a note in the reclamation plan submittal.

*Timing/Implementation:* During all phases of the project.

*Enforcement/Monitoring:* City of Rancho Cordova Planning Department and SMAQMD.

Implementation of mitigation measures MM 3.1a through MM 3.1d would ensure a *less than significant* impact to air quality standards.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

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- c) *Potentially Significant Unless Mitigation Incorporated.* See b) above.
- d) *Less than Significant Impact.* Construction of the conveyor line and mining and reclamation activities associated with the proposed project are not associated with substantial pollutant concentrations. Furthermore, the nearest sensitive receptor is a rural residence located approximately 5,000 feet from where mining and reclamation activities would occur. This is considered a less than significant impact.
- e) *Less Than Significant Impact.* The proposed project would not create odors that could affect a substantial number of people.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>IV. BIOLOGICAL RESOURCES.</b> Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c) Have a substantial adverse effect on federally protected wetlands, as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal wetlands, etc.), through direct removal, filling, hydrological interruption or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



#### DISCUSSION OF IMPACTS

- a) *Potentially Significant Unless Mitigation Incorporated.* A Biological Resource Assessment was conducted for the project site that indicated the presence of elderberry shrubs (ECORP Consulting, Inc., 2005)(**Appendix B**). The project applicant proposes to avoid elderberry shrubs; however, mining and reclamation activities would have the potential to adversely affect this habitat for the Valley Elderberry Longhorn Beetle. The proposed project would also have the potential to adversely affect nesting raptors and Swainson's Hawk habitat.

#### Mitigation Measures

The following mitigation measures have been incorporated into the proposed project:

- MM 4.1a** The project proponents shall conduct (or update) determinate surveys for potentially occurring special status species or their habitat using protocol acceptable to the regulatory agencies with authority over these species. If determinate level surveys have not been conducted, the presence of special-status species will be assumed.
- If any of the special status species or their habitat are identified on the site, a detailed plan which describes the specific methods to be implemented to avoid any project impacts upon special status species to a less than significant level will be required. This detailed Special Status Species Avoidance Plan shall be prepared in consultation with the USFWS and CDFG, and shall emphasize a multi-species approach to the maximum extent possible. If determinate surveys identify special status species within isolated wetlands on the site, project activities shall maintain a 250-foot setback from said isolated wetlands. If determinate surveys determine that no special status species occur in on-site isolated wetlands, project activities shall maintain a 10-foot setback to said isolated wetlands.
  - All mining and reclamation activities shall be at least 100 feet away from valley elderberry shrubs. All conveyor activities shall be at least 20 feet away from valley elderberry shrubs. Orange construction fencing shall be installed and maintained around each shrub to ensure the proper setbacks. If on-site valley elderberry shrubs cannot be avoided, or if the City directs them to be transplanted, then a mitigation plan shall be developed and implemented in consultation with USFWS consistent with the conservation guidelines for the valley elderberry longhorn beetle, which includes one of the two following options:
    - Obtain credits at an approved mitigation bank;
    - OR
    - Implement an onsite mitigation and monitoring plan that includes transplantation of the shrub and planting of elderberry seedlings.

The mitigation plan shall be approved by the USFWS prior to acceptance by the City. Any required onsite mitigation shall be incorporated into subsequent improvement and construction plans.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

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*Timing/Implementation:* Prior to site disturbance and during mining activities.

*Enforcement/Monitoring:* City of Rancho Cordova Planning Department, USFWS and CDFG.

**MM 4.1b** If mining and reclamation activities would result in a loss of Swainson's Hawk foraging habitat, the project's applicants shall mitigate for such loss by implementing one of the following alternatives:

- For projects within a one-mile radius of an active nest site, the project proponent shall preserve 1.0 acre of similar habitat for each acre lost within a ten-mile radius of the project site. For projects within a one to five mile radius of an active nest site, the project proponent shall preserve 0.75 acre of similar habitat for each acre lost within a ten-mile radius of the project site. For projects within a five to ten mile radius of an active nest site, the project proponent shall preserve 0.5 acre of similar habitat for each acre lost within a ten-mile radius of the project site. This land shall be protected through fee title or conservation easement (acceptable to the Department of Fish and Game).
- The project's proponents shall, to the satisfaction of the CDFG, prepare and implement a Swainson's hawk mitigation plan that will include preservation of Swainson's hawk foraging habitat.
- The project's proponents shall submit payment of a Swainson's hawk impact mitigation fee per acre impacted to the City of Rancho Cordova Planning Department in the amount set forth in Chapter 16.130 of the Sacramento County Code as such may be amended from time to time and to the extent that said Chapter remains in effect.
- Should the City Council of the City of Rancho Cordova adopt a Swainson's hawk mitigation policy/program prior to implementation of one of the measures above, the project proponent may be subject to that program instead.

*Timing/Implementation:* Prior to site disturbance.

*Enforcement/Monitoring:* City of Rancho Cordova Planning Department and CDFG.

**MM 4.1c** Prior to each phase of mining and reclamation activities, a preconstruction survey shall be performed between April 1 and July 31 to determine if active raptor nesting is taking place in the area. If nesting is observed, consultation with the Department of Fish and Game shall occur in order to determine the protective measures which must be implemented for the nesting birds of prey. If nesting is not observed, further action is not required.

*Timing/Implementation:* Prior to Site Disturbance and prior to each phase of mining and reclamation activities.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

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*Enforcement/Monitoring:* City of Rancho Cordova Planning Department and CDFG.

Implementation of Mitigation Measures MM 4.1a through 4.1c would reduce impacts to special-status species to *less than significant*.

- b) *Potentially Significant Unless Mitigation Incorporated. See a) above.*
- c) *No Impact.* Mining and reclamation activities associated with the proposed project will not affect "Waters of the U.S." All wetland features identified on the project site have been mapped as non-jurisdictional because they are considered "isolated" wetlands. Non-jurisdictional wetlands mapped include vernal pools, seasonal wetlands and seasonal wetland swale. Additionally, the applicant has designed its mining and reclamation plans to avoid all wetland features on the project site. The U.S. Army Corps of Engineers has identified these wetlands as isolated, so impacts to these features would not require permitting pursuant to Section 404 and 401 of the Federal Clean Water Act (ECORP, 2005).
- d) *Less than Significant Impact.* Implementation of the proposed project would not interfere with the movement of any fish or wildlife species or impede the use of native wildlife nursery sites or corridors; therefore, this impact is considered *less than significant*.
- e) *Less than Significant Impact.* An oak tree inventory was conducted for the proposed project site by Sierra Nevada Arborists in September 2004. A copy of this inventory can be reviewed at the City of Rancho Cordova's Planning Department. The inventory identified 19 oak trees that would meet the criteria for protection. The entire proposed project has been designed to avoid impacts to trees (See **Figure 3** and **Appendix A** for proposed reclamation plan). This is considered a less than significant impact.
- f) *Less than Significant Impact.* Currently, there is not an adopted Habitat Conservation Plan (HCP) for Sacramento County or the SDCP/SRSP; therefore, the project would not conflict with such plans and the impact would be *less than significant*.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>V. CULTURAL RESOURCES.</b> Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource as defined in " 15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to " 15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Directly or indirectly destroy a unique paleontological resource or site or unique geological feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

#### DISCUSSION OF IMPACTS

- a) *Less Than Significant Impact.* An Archaeological and Historic Investigation was conducted for the proposed project site (PMC, 2004). A copy of the Archaeological and Historic Investigation can be reviewed at the City of Rancho Cordova’s planning department. The investigation indicated that the Grantline West project site was free of important cultural/historical resources and it was determined that the site has a low probability of such resources. However, mitigation is appropriate to ensure a less than significant impact to historic, archaeological, and or paleontological resources.

#### Mitigation Measures

The following mitigation measure has been incorporated into the proposed project:

- MM 5.1** Should any cultural resources, such as structural features, unusual amounts of bone or shell, artifacts, human remains, or architectural remains be encountered during reclamation activities, work shall be suspended and the City of Rancho Cordova shall be immediately notified. At that time, the City will coordinate any necessary investigation of the site with appropriate specialist, as needed. The project proponent shall be required to implement any mitigation necessary for the protection of the cultural resources. In addition, pursuant to Section 5097.98 of the State Public Resources Code and Section 7050.5 of the State Health and Safety Code, in the event of the discovery of human remains, all work is to stop and the County Coroner shall be immediately notified. If the remains are determined to be Native American, guidelines of the Native American Heritage Commission shall be adhered to in the treatment and disposition of the remains.

*Timing/Implementation:* During all phases of reclamation activities.

*Enforcement/Monitoring:* City of Rancho Cordova Planning Department.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

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Implementation of Mitigation Measure MM 5.1 would ensure that the project's potential cultural, historic, paleontologic, and archeological resource impacts are *less than significant*.

- b) *Less Than Significant Impact*. See a) above.
- c) *Less Than Significant Impact*. See a) above.
- d) *Less than Significant Impact*. There are no known cemeteries on the project site; however, due to the large Native American population in the past, the primary concern is the disturbance of hidden or unmarked sites, such as gravesites of areas of spiritual significance, which may not contain any surface evidence of occupancy. The project is not expected to result in any new cultural resource impacts. However, implementation of Mitigation Measure 5.1 would reduce any potential human remain impacts to less than significant.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>VI. GEOLOGY AND SOILS.</b> Would the project:				
a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury or death, involving:				
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
iv) Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

#### DISCUSSION OF IMPACTS

- a)
- (i) *Less than Significant Impact.* The potential for impacts to public safety resulting from surface fault rupture, ground shaking, liquefaction or other seismic hazards is not considered to be an issue of significant environmental concern due to the infrequent seismic history of the area. Therefore, this impact is considered *less than significant*.
  - (ii) *Less than Significant Impact.* See response to a (i) above. The potential for strong seismic ground shaking is not a significant environmental concern due to the infrequent seismic activity of the area.
  - (iii) *Less than Significant Impact.* See response to a (i) above. The soil types of the Grantline West Mining site consist of Xerothents, dredge tailings, which do not constitute a potential impact for ground failure or liquefaction.
  - (iv) *Less than Significant Impact.* The project site is characterized by relatively low-lying dredger tailings; as such, the site has a very low potential for landslides.
- b) *Less than Significant Impact.* Grading activities associated with mining and reclamation activities would remove vegetative cover and would expose soils to wind and surface water runoff. The project is subject to the Sacramento County Land Grading and Erosion Control Ordinance, which established administrative procedures, standards of review and enforcement procedures for controlling erosion, sedimentation, and disruption of existing drainage. Therefore, this impact is considered *less than significant*.
- c) *Less than Significant Impact.* The soil groups present on the project site have high percentages of clay, which expand with wetting and drying conditions. These soils present a mild geologic hazard due to high-shrink swell potential.
- d) *Less than Significant Impact.* See c) above.
- e) *No Impact.* The proposed project would not use a septic tank system or other alternative wastewater systems. The project proposes no wastewater systems; therefore, there is *no impact*.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>VII. HAZARDS AND HAZARDOUS MATERIALS.</b> Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code § 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) For a project located within an airport land use plan area or, where such a plan has not been adopted, within two miles of a public airport or a public use airport, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Impair implementation of, or physically interfere with, an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



#### DISCUSSION OF IMPACTS

- a) *Less than Significant Impact.* The proposed project would not involve the routine transport of hazardous materials; therefore, implementation of the project is expected to result in *less than significant* hazardous material transportation and disposal related impacts.
- b) *Less than Significant Impact.* Mining and reclamation activities would include the use of heavy equipment, which involves the use of oils, fuels and other potentially flammable substances that are typically associated with project activities. However, these materials would be limited in quantity and stored off-site. This is considered a less than significant impact.
- c) *No Impact.* There are no schools within one-quarter mile of the proposed project site.
- d) *Less than Significant Impact.* The proposed project site is not listed as having past hazardous materials involvement. The project site is approximately 250 feet northwest of the Alpha Complex. This facility was built and operated by McDonnell Douglas Corp. to test rocket engines. Trichloroethylene (TCE) was used to clean engine parts and has been found in soil and groundwater beneath the Alpha Complex. However, the entire Alpha Complex site is fenced, and available data indicates that TCE contamination does not extend to soil outside of the enclosed site. The separation of mining and reclamation activities from contaminated sites would result in a *less than significant* impact.
- e) *Less than Significant Impact.* The project site is not located within the Comprehensive Land Use Planning (CLUP) area of the Sacramento Mather Airport, but is within two miles of the facility. Implementation of the project would not adversely affect operations of this facility and is not anticipated to result in safety related hazards or adverse impacts to people residing or working on the project site. Therefore, this impact is considered less than significant.
- f) *No Impact.* The project area is not located within the vicinity of a private airstrip. Therefore, no impacts are anticipated.
- g) *Less than Significant Impact.* Implementation of the proposed project would not conflict with the Sacramento County Multi-hazard Disaster Plan, the Sacramento County Area Plan or any other adopted emergency response or evacuation plan. Therefore, this impact is considered less than significant.
- h) *Less Than Significant Impact.* The project site is not adjacent to wildlands and is in an area designated for urbanized land uses. Additionally, implementation of the project would not place residences or structure where they are intermixed with wildlands. Therefore, this impact is considered less than significant and does not require mitigation.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>VIII. HYDROLOGY AND WATER QUALITY.</b> Would the project:				
a) Violate any water quality standards or waste discharge requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner that would result in flooding on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h) Place within a 100-year flood hazard area structures that would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of a failure of a levee or dam?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j) Inundation by seiche, tsunami or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

#### DISCUSSION OF IMPACTS

- a) *Less Than Significant Impact.* Activities associated with the proposed project have the potential to result in significant short-term surface water quality impacts during the construction period and long-term water quality impacts due to runoff and accumulated pollutants after mining operations. As expected, mining activities of the proposed project would create new sources of runoff. Unless the runoff is controlled, it would generate new runoff pollutants such as oil, gasoline, and other chemicals with potentially adverse impacts on water quality. Compliance with a Stormwater Pollution Prevention Plan ("SWPPP"), best management practices (BMPs) and applicable County ordinances and State requirements, would reduce impacts to a *less than significant* level.
- b) *Less than Significant Impact.* The proposed project would use no water other than from a water truck, which will take water from East Well No.1, located on the Clark Site. This well is currently used for mining and plant operations and is periodically monitored. This would not significantly impact groundwater resources.
- c) *Less than Significant Impact.* No drainages exist within the highly disturbed dredger tailings of the project site. See a) above. This is considered a *less than significant* impact.
- d) *Less than Significant Impact.* See c) above and g) below.
- e) *Less than Significant Impact.* See a) and c) above.
- f) *Less than Significant Impact.* See a) above.
- g) *Less than Significant Impact.* The entire project site is located outside the 500-year floodplain. The proposed project would not place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map; therefore, this impact is considered *less than significant*.
- h) *Less than Significant Impact.* See g) above.
- i) *Less than Significant Impact.* See g) above.
- j) *No Impact.* The project site is not located near the Pacific Ocean, nor is it near a large water body that would be capable of creating seiches or tsunamis.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>IX. LAND USE AND PLANNING.</b> Would the project:				
a) Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Conflict with any applicable land use plan, policy or regulation of an agency with jurisdiction over the project (including, but not limited to, the general plan, specific plan, local coastal program or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

#### DISCUSSION OF IMPACTS

- a) *Less than Significant Impact.* The proposed project area is currently undeveloped and is surrounded by limited development; as such, the project would not divide an established community. Therefore, this impact is considered *less than significant*.
- b) *Less than Significant Impact.* See a) above. The proposed project site is part of the Aerojet Special Planning Area, which allows for reclamation activities.
- c) *Less than Significant Impact.* Currently, there is no adopted Habitat Conservation Plan (HCP) in Sacramento County; therefore, *less than significant* impacts are expected.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>X. MINERAL RESOURCES.</b> Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

#### DISCUSSION OF IMPACTS

- a) *Less Than Significant Impact.* The proposed project would not result in the loss of availability of a known mineral resource. Mining and Reclamation activities would allow use of the aggregate located on the site.
- b) *Less than Significant Impact.* See a) above.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>XI. NOISE.</b> Would the project result in:				
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance or of applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e) For a project located within an airport land use plan area or, where such a plan has not been adopted, within two miles of a public airport or a public use airport, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

#### DISCUSSION OF IMPACTS

- a) *Less Than Significant Impact.* An Environmental Acoustics Analysis was conducted for the proposed project site (Bollard and Brennan, 2005)(See **Appendix C**). This report concluded that mining and reclamation activities associated with the proposed project would not exceed daytime Noise Ordinance Criteria. This is considered a less than significant impact.
- b) *Less Than Significant Impact.* See a) above. The nearest existing residence is approximately 5,000 feet from the proposed project site. The Environmental Acoustics Analysis concluded that under worst-case scenarios when equipment was closest to the residence, that the proposed project would not exceed daytime Noise Ordinance Criteria. This is considered a *less than significant* impact.
- c) *Less Than Significant Impact.* See a) above.
- d) *Less than Significant Impact.* See a) above.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

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- e) *Less than Significant Impact.* The Grantline West project site is not located within the Comprehensive Land Use Plan Area (CLUP) of the Sacramento Mather Airport, which is approximately 2 miles west of the proposed site. Although, the project is within two miles of the airport, no adverse or excessive noise impacts are anticipated at the proposed site from operation of this facility. Therefore, this impact is considered *less than significant*.
- f) *No Impact.* There are no private airstrips within the vicinity of the proposed project site; thus, no impacts would occur.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>XII. POPULATION AND HOUSING.</b> Would the project:				
a) Induce substantial population growth in an area, either directly (e.g., by proposing new homes and businesses) or indirectly (e.g., through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

#### DISCUSSION OF IMPACTS

- a) *No Impact.* The proposed project does not include the development of homes, businesses, and/or infrastructure. Nor does the project include a business that would have customers.
- b) *No Impact.* The proposed project will not displace any existing housing.
- c) *No Impact.* See b) above.



### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>XIII. PUBLIC SERVICES.</b> Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services:				
a) Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

#### DISCUSSION OF IMPACTS

- a) *No Impact.* Impacts to public services are not anticipated. No housing, businesses and/or infrastructure are proposed by the project. This would negate the need for additional public services such as fire, police, schools, and parks.
- b) *No Impact.* See a) above.
- c) *No Impact.* See a) above.
- d) *No Impact.* See a) above.
- e) *No Impact.* See a) above.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>XIV. RECREATION.</b>				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Does the project include recreational facilities, or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

#### DISCUSSION OF IMPACTS

- a) *No Impact.* The proposed project would not increase the use of existing parks or other recreational facilities.
- b) *No Impact.* See a) above. The proposed project does not include the construction of any recreational facilities.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>XV. TRANSPORTATION/TRAFFIC.</b> Would the project:				
a) Cause an increase in traffic that is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume-to-capacity ratio on roads, or congestion at intersections)?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Result in inadequate parking capacity?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Conflict with adopted policies, plans or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

#### DISCUSSION OF IMPACTS

- a) *Less Than Significant Impact.* The proposed project would not increase existing traffic in the area. There are anticipated to be six employees on-site, with no customers. The quantity of trucks will not increase because the supply of trucks for the proposed site will replace the trucks at other sites in the area. This will result in a negligible affect on traffic and circulation in the area.
- b) *Less Than Significant Impact.* See a) above.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

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- c) *No Impact.* The proposed project does not involve any aviation-related uses but is located within two miles of the Sacramento Mather Airport. The project site is not located within the airport safety zones or within the approach and departure paths for aircraft using the airport and *no impacts* are anticipated.
- d) *No Impact.* Equipment and cars associated with mining and reclamation activities would use existing roads. Mining and reclamation equipment, farming equipment, buses, and automobiles have used these existing roads and intersections for years.
- e) *No Impact.* The proposed project site has multiple access points for emergency vehicles to enter and or exit.
- f) *No Impact.* Six employees would not need significant parking during mining and reclamation activities. These employees would park in disturbed areas that are devoid of vegetation.
- g) *No Impact.* The proposed project would not conflict with any policies regarding alternative transportation.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>XVI. UTILITIES AND SERVICE SYSTEMS.</b> Would the project:				
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Result in a determination by the wastewater treatment provider that serves or may serve the project that it has adequate capacity to serve the project's projected demand, in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Comply with federal, state and local statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

#### DISCUSSION OF IMPACTS

- a) *No Impact.* The proposed project does not include any wastewater discharge.
- b) *No Impact.* The proposed project will not require the construction of any wastewater treatment facilities.
- c) *No Impact.* The proposed project would not increase stormwater runoff. Therefore, construction of stormwater facilities would not be required.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

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- d) *No Impact.* The proposed project has sufficient water supply from one off-site well. Water would be used only for dust control and would not be of significant quantity. A water truck would transport this water used for dust control.
- e) *No Impact.* See a) above.
- f) *No Impact.* The proposed project will not need solid waste disposal services.
- g) *No Impact.* See a) and f) above.

### 3.0 ENVIRONMENTAL SETTING, IMPACTS, AND MITIGATION MEASURES

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated	Less Than Significant Impact	No Impact
<b>XVII. MANDATORY FINDINGS OF SIGNIFICANCE</b>				
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of rare or endangered plants or animals, or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b) Does the project have impacts that are individually limited, but cumulatively considerable? "Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c) Does the project have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

#### DISCUSSION OF IMPACTS

- a) *Potentially Significant Impact Unless Mitigation Incorporated.* As noted in Sections I through XVI above, the Grantline West project has the potential to result in significant impacts related to biological resources (i.e., special-status species) and Air Quality (i.e. PM10 emissions).
- b) *Less Than Significant Impact.* The proposed project would not cause cumulatively considerable impacts when viewed in connection with other projects in the area.
- c) *Less Than Significant Impact.* The proposed project would not cause substantial adverse effects in human beings, either directly or indirectly.

### 4.1 CUMULATIVE IMPACTS

#### INTRODUCTION

This section addresses the project's potential to contribute to cumulative impacts in the region. CEQA Guidelines Section 15355 defines cumulative impacts as "two or more individual effects that, when considered together, are considerable or which compound or increase other environmental impacts."

#### CUMULATIVE IMPACT ANALYSIS

##### **Aesthetics**

Implementation of the proposed project would not contribute to cumulative visual resource or aesthetic impacts. The project would result in *less than significant* impacts on aesthetic resources under cumulative conditions.

##### **Agricultural Resources**

The project would not result in cumulatively significant loss of agricultural resources or farmlands. The site is previously disturbed; therefore, *less than significant* impacts are anticipated.

##### **Air Quality**

The proposed project would contribute to cumulative air quality impacts in the vicinity. Mitigation measures contained in Section 3.0 (Subsection III, Air Quality) of this MND would reduce the impacts to a *less than significant* level.

##### **Biological Resources**

The project would contribute to cumulative biological resource impacts in the project vicinity; however, implementation of the proposed mitigation measures identified in Section 3.0 (Subsection IV, Biological Resources) of this MND would mitigate the project's contribution to a cumulative loss of biological resources to *less than significant*.

##### **Cultural Resources**

Implementation of the proposed project would not contribute to an increase in cultural resource impacts. However, mitigation measures identified in Section 3.0 (Subsection V, Cultural Resources) of this MND would ensure a *less than significant* cumulative impact.

##### **Geology and Soils**

Project-related impacts on geology and soils would be site-specific and implementation of the proposed project would not contribute to seismic hazards or water quality impacts associated with soil erosion. Therefore, the proposed project would have *no impact* on cumulative geophysical conditions in the region.

##### **Hazards and Hazardous Materials**

The project would not contribute to hazards associated with the accidental release of hazardous materials; this cumulative impact is considered *less than significant*.

##### **Hydrology and Water Quality**

Cumulative Hydrology and Water Quality impacts are expected to be *less than significant*. The proposed project would return the site to a more natural hydrological state.



## 4.0 CUMULATIVE IMPACTS

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### Land Use and Planning

The project site is part of the Aerojet Special Planning area, which allows for reclamation activities. Therefore, the project would result in *less than significant* cumulative land use and planning impacts.

### Mineral Resources

The proposed project would not result in any site-specific or significant impacts to mineral resources and would result in *less than significant* impacts under cumulative conditions.

### Noise

Implementation of project would not result in temporary and permanent changes in the ambient noise levels in the vicinity that exceed noise criteria. This is considered a *less than significant* to cumulative noise impacts.

### Population and Housing

The proposed project does not include the development of houses, nor would it result in the displacement of any existing housing. Therefore, the project would result in *no impact* to cumulative population and housing impacts.

### Public Services

The proposed project does not include the development of any structures and or infrastructure. Implementation of the proposed improvements would not result in a cumulative increase in severity of public service impacts. Thus, *no impact* to public services is anticipated.

### Recreation

The proposed project would not increase the need for recreational facilities in the area. Therefore, the project would result in *less than significant* cumulative impacts.

### Utilities and Service Systems

The proposed project would not require any additional utilities and or service systems. Therefore, the project would result in *no impact* to utilities and service systems under cumulative conditions.

### Transportation/Circulation

The proposed project would only require six employees and two dump trucks per day. This would not increase traffic in the surrounding area, and therefore, would result in a *less than significant* impact.

### Water

The proposed project would use a limited amount of well water from one off-site well for the purpose of dust control. This is not expected to deplete groundwater supplies in the area. Therefore, the project would result in a *less than significant* impact to water supply under cumulative conditions.

**5.0 DETERMINATION**

On the basis of this initial evaluation:

- I find that the proposed project **COULD NOT** have a significant effect on the environment, and a **NEGATIVE DECLARATION** will be prepared.
- I find that, although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described in Section 3 of this document have been added to the project. A **MITIGATED NEGATIVE DECLARATION** will be prepared.
- I find that the proposed project **MAY** have a significant effect on the environment, and an **ENVIRONMENTAL IMPACT REPORT** is required.
- I find that the proposed Project **MAY** have a significant effect(s) on the environment, but one or more of such significant effects: 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An **ENVIRONMENTAL IMPACT REPORT** is required, but it must analyze only the effects that remain to be addressed.
- I find that although the proposed project could have a significant effect on the environment, all potentially significant effects: (a) have been analyzed and adequately addressed in an earlier EIR pursuant to applicable standards, or (b) have been avoided or mitigated pursuant to that earlier EIR, previous Mitigated Negative Declaration, or this Subsequent Mitigated Negative Declaration, including revisions or mitigation measures that are imposed upon the proposed project.

Signature H. Anderson Date: 5/5/05  
Printed name: Hilary Anderson For City of Rancho Cordova

Per CEQA Section 15070(b)(1), the project applicant for the proposed Grantline West project has reviewed and agreed to the mitigation measures contained in this Mitigated Negative Declaration.

Signature Jeff Thatcher Date: 5/3/05  
Printed name: Jeff Thatcher For Teichert Aggregates

## 6.0 REPORT PREPARATION AND CONSULTATIONS

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### 6.1 REPORT PREPARATION AND REFERENCES

#### CITY OF RANCHO CORDOVA—LEAD AGENCY

Paul Junker	Planning Director
Bill Campbell	Principal Planner
Hilary Anderson	Environmental Coordinator
Bret Sampson	Associate Planner
Brett Bollinger	Assistant Planner
Cyrus Abhar	City Engineer

### 6.2 PERSONS AND AGENCIES CONSULTED

Peter Christensen	SMAQMD
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### 7.0 REFERENCES

Archaeological and Historic Investigations for the Grantline West Project. *Pacific Municipal Consultants*. October 2003.

Environmental Acoustics Analysis. *Bollard and Brennan*. January 31, 2005.

Sacramento County. *Sacramento County General Plan*. 1993.

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