



# County of San Diego

**MARK WARDLAW**  
DIRECTOR

PLANNING & DEVELOPMENT SERVICES  
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**KATHLEEN A. FLANNERY**  
ASSISTANT DIRECTOR

November 8, 2018

Greg Brown  
New West Investment, Inc,  
565 N. Magnolia Avenue  
El Cajon, CA 92023

**PROJECT NAME:** Cottonwood Sand Mine Major Pre-Application

**RECORD ID:** PDS2018-MPA-18-004

**PROJECT ADDRESS:** 3121 Willow Glen Drive, within the Valle De Oro Community Planning area in the unincorporated area of San Diego County;

**APNS:** 506-021-19-00, 506-020-52-00, 518-012-13-00, 518-012-14-00, 518-030-05-00, 518-030-06-00, 518-030-07-00, 518-030-08-00, 518-030-10-00, 518-030-12-00, 518-030-13-00, 518-030-15-00, 518-030-21-00, 518-030-22-00, 519-010-15-00, 519-010-17-00, 519-010-20-00, 519-010-21-00, 519-010-33-00, 519-010-34-00, 519-010-37-00, 519-011-03-00, 506-021-31-00, 506-021-30-00

**TRUST ACCOUNT NO.:** 2091177-D-05619

Dear Mr. Brown:

On May 10, 2018, Planning & Development Services (PDS) held a Pre-application Meeting on the above listed APN(s). This letter provides a summary of the major issues discussed at the conference, key decisions or determination, and guidance for project processing.

## **COMMUNITY PLANNING GROUP COORDINATION**

Planning & Development Services (PDS) strongly recommends coordination with the Valle De Oro Community Planning Group prior to application submittal, as the Department will consider comments from applicable community groups in its decision making process. See the following links for a list of the Planning, Sponsor and Design Review Board chairpersons and contact information:

Planning and Sponsor Group: <http://www.sdcounty.ca.gov/PDS/docs/plngchairs.pdf>

**OVERVIEW****Attendees**

The following County staff and Applicant representatives attended the Pre-application Meeting:

| <b>NAME</b>       | <b>ORGANIZATION</b>                                  |
|-------------------|--|
| Bronwyn Brown     | PDS, Project Manager                                 |
| Benjamin Mills    | PDS, Planning Manager                                |
| Greg Kazmer       | PDS, Environmental Coordinator                       |
| Ed Sinsay         | PDS, Land Development, Project Manager               |
| Sean McClean      | PDS, Civil Engineer                                  |
| Kimberly Smith    | PDS, Biologist                                       |
| Jim Bennett       | PDS, Groundwater Geologist                           |
| Hunter McDonald   | PDS, Land Use Aide                                   |
| Connor McGee      | PDS, Code Compliance, Land Use Environmental Planner |
| Craig Gibson      | DGS, Real Estate Services Division                   |
| Emmanuel Gaviola  | DGS, Real Estate Services Division                   |
| Murali Pasumarthi | DPW, Traffic   |
| Greg Brown        | Applicant  |
| Warren Coalson    | Enviromine Inc                                       |
| Dennis Fransway   | Enviromine Inc                                       |
| Wayne Chang       | Applicant's Engineer                                 |
| Jon Cloud         | Hester's Granite Company                             |

**Project Description**

Below is the project description that staff has generated from the information provided in the application package. Please review this project description and verify with staff that the project description is correct:

The applicant is requesting a, Major Use Permit, Reclamation Plan and a Certificate of Compliance for Sand Mining project suitable for Portland Cement Concrete (PCC) use. The project would convert the existing golf course to a sand mining operation over ten years in three phases. The proposed project would produce 3.8 million cubic yards (5.7-million tons) of mineral resources and would have a maximum production limit of 570,000-tons (380,000 cubic yards) of construction grade aggregate per calendar year. Excavated material will total 4.7-million cubic yards with approximately 3.8-million cubic yards (5.7-million tons) of construction aggregate produced. As mining is completed in phases, the site will be progressively reclaimed and restored. The combined mineral extraction and reclamation project will affect approximately 244 acres of 280 acres in the Jamacha Valley.

The project will be developed in three mining phases and a fourth phase for final reclamation and will proceed in a southwest to northeast direction. The first phase will involve installation of access roads, creation of a pad for a processing plant east of Steele Canyon Road, placement of a conveyor/slurry line running west to east and development of the initial extraction area. As phases proceed the conveyor/slurry line will be moved to serve the areas mined in later phases. A final phase, Phase 4, will be a final reclamation, clean up and equipment removal phase. Facilities proposed for use at the site will include: a processing plant, a storage container, weigh scales and a modular scale house. The golf course will be operational as mining is completed in three phases. At the beginning of Phase 2, the front nine holes will be closed as mining begins and the back nine holes will continue to operate until the final phase of mining begins. After mining operations reclamation of the site will be conducted.

Site access for the project will require modification of the existing driveways and parking lot located on Willow Glen Drive next to the existing golf clubhouse. A new access point to the property from Willow Glen Drive west of the Steele Canyon Road (Phase 1 area) will be necessary as the clearance height of the bridge that crosses the Sweetwater River on Steele Canyon Road will not allow most large trucks or heavy equipment to pass beneath the bridge.

The project site is located off Willow Glen Drive in the Valle De Oro Community Planning area, within unincorporated San Diego County. The site is subject to the General Plan Semi-Rural Regional Category, and Specific Plan Area Land Use Designation, and zoned Holding Area (S90), Open Space (S80), and Specific Plan (S88).

#### **Land Use Designation and Zoning:**

| <b>CURRENT ZONING REGULATIONS</b> | <b>CONSISTENT?</b> |                                  |
|-----------------------------------|--------------------|----------------------------------|
| Use Regulation:                   | S80, S88, S90      | <b>TBD</b>                       |
| Animal Regulation:                | K, U               | N/A                              |
| Density:                          | .125               | N/A                              |
| Lot Size:                         | 40AC/8AC           | N/A                              |
| Building Type:                    | C                  | N/A                              |
| Height:                           | G (35')            | <b>Y, With approval of a MUP</b> |
| Lot Coverage:                     | -                  | N/A                              |
| Setback:                          | V/C/A              | <b>TBD</b>                       |
| Open Space:                       | -                  | N/A                              |
| Special Area Regulations:         | Por F              | N/A                              |

#### **MAJOR PROJECT ISSUES**

The following project issues were identified during the project pre-application scoping and are further discussed in the attachments to this letter. These issues may require substantial redesign of the proposed project or, if not resolved, would result in a

recommendation for project denial by PDS. These issues discussed below, were identified based upon information presently available to the County and are subject to change upon submittal of further information and studies:

**1. Consistency with the San Diego County General Plan:**

Staff has provided a list of the General Plan goals and policies that need to be addressed as part of the project application and will require a qualitative and quantitative analysis. The list includes goals and policies from all the General Plan Elements along with policies from the Valle De Oro Community Plan and goals and objectives from the Rancho San Diego Specific Plan. The project will be reviewed to ensure consistency with the General Plan and a final General Plan consistency determination will be made after the project description is clearly defined and the environmental analysis is complete and finalized. Staff cannot move forward with a recommendation of approval until the project is found consistent with all applicable General Plan and community plan policies.

Please see the attached Project Issue Checklist for a list of the goals and policies that need to be addressed.

**2. Land Use/Community Character Consistency:**

The character of the area is single-family residential and the project request is for a sand mining, an extractive use. Additionally, there are two major components of the Rancho Specific Plan recreation system including Cottonwood Golf Course. The Specific Plan identifies the golf course serving as a buffer area and providing a larger setback to sensitive habitat areas. In order to assess the potential impacts to community character a land use and community character analysis shall be prepared for the proposed project. Please see Attachment D for Scoping requirements.

**3. Major Use Permit (MUP) Findings:**

A Major Use Permit will also be required for the proposed Mining Operations (Extractive Use) pursuant to Sections 2805.c. and 2905.d. In accordance with Section 7358 of the Zoning Ordinance, it shall be found:

- a. That the location, size, design, and operating characteristics of the proposed use will be compatible with adjacent uses, residents, buildings, or structures, with consideration given to:
  - Harmony in scale, bulk, coverage and density;
  - The availability of public facilities, services and utilities;
  - The harmful effect, if any, upon desirable neighborhood character;
  - The generation of traffic and the capacity and physical character of surrounding streets;
  - The suitability of the site for the type and intensity of use or development which is proposed; and to
  - Any other relevant impact of the proposed use; and

- b. That the impacts, as described in paragraph "a" of this section, and the location of the proposed use will be consistent with the San Diego County General Plan.
- c. That the requirements of the California Environmental Quality Act have been complied with.

Please provide additional, quantitative information that accurately describes the scale, bulk, coverage and intensity of the proposed sand mine. Please provide draft MUP Findings. Ongoing coordination between County staff and the applicant will be required to adequately address the MUP findings. Staff cannot recommend approval until all findings are made.

**4. MSCP Minor Amendment Area:**

A portion of the proposed project site is located within a designated Minor Amendment area. Minor amendments require concurrence from the California Department of Fish & Wildlife (CDFW) and the U.S. Fish & Wildlife Service (USFWS). Requests for Minor Amendments will be in coordination with the Wildlife Agencies (CDFW and USFWS) in conformance with all applicable laws and regulations.

**5. Biological Resource Constraints:**

The site contains jurisdictional waters of the U.S./State and/or wetlands protected by the Resource Protection Ordinance (RPO). Impacts to jurisdictional waters will require permitting the authorizing resource agencies and/or compliance with the RPO as appropriate.

Several federally endangered and/or threatened species have been identified on the project site or within the vicinity of the project. The site may contain species that are not covered by the South County Multiple Species Conservation Program (MSCP) Subarea Plan, such as Quino checkerspot butterfly and San Diego fairy shrimp (per 2006 code case). Impacts to such species may require a Section 7 consultation or Section 10 permit from the U.S. Fish and Wildlife Service.

**6. Visual Resources:**

Based on an initial review, it appears that proposed project may adversely affect visual resources. Willow Glen Drive is designated as a County Scenic Road. Views from scenic vistas, scenic highways and County Scenic Routes, and public recreation areas will need to be analyzed further to determine the extent of any adverse impacts. Visual resources can include narrow or expansive views, views from one site or from a series of sites as along a scenic highway and views above, at eye level, or from below. A Visual Resources Study is required. The report should identify changes/modifications of the project from the original and provide mitigation and design considerations to reduce the visual impacts associated with

this project. The recommended mitigation and design considerations should be incorporated into the project design.

In addition to the issues outlined in this letter, it is strongly recommended that you contact other agencies to determine additional project requirements. The following link provides an Agency Contact List to assist in your due diligence efforts: <http://www.sdcounty.ca.gov/pds/docs/pds804.pdf>

### **ESTIMATE OF DISCRETIONARY PROCESSING COSTS AND SCHEDULE**

An estimate of discretionary processing time and costs that includes several assumptions has been generated for your project and is included in **Attachment B**. It is estimated that **\$753,239.00-\$950,550.00** of County fees and deposits will be required to get the project through to a hearing. The total estimated time to process the proposed project is **17-36 months**. Attachment B includes the County's standard applicant submittal dates, three EIR iterations, and a submittal occurring within 60 days of the resubmittal of the project. The estimated hearing date for this project is between **Spring 2020 to Winter 2021**. Please note that the estimated cost and hearing date is based on certain assumptions detailed in the Attachment and could be more or less than the estimate provided. If the cost and schedule assumptions prove to be incorrect, the estimate will be revised. The estimate includes only the costs to get your present application to hearing and does not include additional post discretionary processing costs such as condition satisfaction and building permit fees.

Should your application be approved, there will be additional processing costs in the future (e.g., park fees, drainage fees, building permit fees). To obtain an estimate of future building permit and plan check fees, parks fees, and Traffic Impact Fees, see <http://www.sdcounty.ca.gov/PDS/bldgforms/index.html#fees>.

Please note that building permits are required to construct, enlarge, alter, repair, move, improve, remove, convert, or demolish a building or structure. Permits are also required for plumbing, electrical, and mechanical work. A permit must be obtained prior to construction and prior to occupancy. Failure to obtain a building permit is a violation of the County of San Diego Ordinances.

The Department's goal is to help facilitate the efficient and timely processing of each application. If, however, a project becomes delayed due to excessive project inactivity or account deficit, Board Policy I-137 will apply; please refer to the Board Policy I-137 at <http://www.co.san-diego.ca.us/cob/docs/policy/I-137.pdf> and the FAQ sheet at <http://www.sdcounty.ca.gov/luegdocs/PDS%20FORMS/Cover%20Sheets/Zoning%20Forms/PDS-907,%20processing%20inactive,%20deficit%20projects.pdf> for the Processing of Inactive and Deficit Projects.

**DEFENSE AND INDEMNIFICATION**

The Board of Supervisors may require a defense and indemnification agreement from the project owner and/or applicant on a case-by-case basis where significant risk to the County is identified in connection with the processing of a discretionary land use development project. The County will notify applicants of the requirement for a defense and indemnification agreement as early in the project processing as possible. Please see the Defense and Indemnification FAQ sheet (<http://www.sdcounty.ca.gov/pds/zoning/formfields/PDS-209.pdf>) for more information.

**DEPARTMENT RECOMMENDATION**

Comments and information in this letter, or lack thereof, should not be construed as the Department implying an overall recommendation or decision on your project. Planning & Development Services generally makes a final recommendation or decision to approve or deny a project when all planning analysis and environmental documentation is complete and, if applicable, the Community Planning Group input is received.

**PROJECT PROCESSING GUIDANCE**

Planning & Development Services (PDS) has reviewed your pre-application submittal for a solar facility and energy storage project and is providing you with the attached package of information as a guide for further processing your application. A Project Issues Checklist for all issues, revisions or processing requirements has been prepared for your project and is included in this letter as Attachment A. **This checklist shall be used by the County and the applicant as the checklist of project issues that must be resolved and revisions that must be completed prior to public review under the California Environmental Quality Act (CEQA), or decision if no circulation of environmental documentation is required pursuant to CEQA.** In response to the Project Issues Checklist, the applicant is expected to include a letter with every submittal made to the Department stating how each item number in the Checklist has been addressed.

**CONSULTANT LIST & MEMORANDUM OF UNDERSTANDING (MOU)**

Certain technical studies must be prepared by a consultant from the County's CEQA Consultant List, which can be found on the County of San Diego's website at: <http://www.sdcounty.ca.gov/luegdocs/PDS%20PROCEDURES/REGULATORY%20PLANNING/REFERENCE%20DOCUMENTS/CEQA%20CONSULTANT%20LIST.pdf>. No list is maintained for hydrology and stormwater management planning. With the exception of minor stormwater management plans, only registered engineers registered in the State of California shall be permitted to submit hydrology/drainage studies and only registered engineers or Certified Professionals in Storm Water Quality certified by CPESC, Inc., or an equivalent entity approved by the Director of Public Works, shall be permitted to submit stormwater management plans.

Applicants are responsible for selecting and direct contracting with specific consultants from the County's list to prepare CEQA documents for private projects. Prior to the first submittal of a CEQA document prepared by a listed consultant for a private project, the applicant, consultant, consultant's firm (if applicable) and County shall execute the attached Memorandum(s) of Understanding (MOU). The responsibilities of all parties

involved in the preparation of environmental documents for the County (i.e. applicant, individual CEQA consultants/sub-consultants, consulting/sub-consultant firms, and County) are clearly established in the MOU for each requested applicable study. The clear identification of roles and responsibilities for all parties is intended to contribute to improved environmental document quality. The MOU can be found on the Department's website at: <http://www.sdcounty.ca.gov/luegdocs/Templates/Boilerplate%20Templates/MOU.doc>.

### **GUIDELINES FOR DETERMINING SIGNIFICANCE & REPORT FORMAT AND CONTENT REQUIREMENTS**

Technical studies must be prepared using the Guidelines for Determining Significance and Report Format & Content Requirements. The Guidelines and Report Format & Content Requirements can be found on the Department's website at <http://www.co.san-diego.ca.us/PDS/procguid.html> (listed in alphabetical order).

### **SUBMITTAL REQUIREMENTS**

To assure timely cost-effective processing of your project, all items must be submitted concurrently. The submittal must be made to the PDS Zoning Counter at 5510 Overland Avenue, Suite 110, San Diego, CA 92123. **For fastest service when submitting information requested in this letter, arrive at the PDS Zoning Counter between 8:00 a.m. and 10:00 a.m. Please note that all Public Counters at PDS are closed daily from 11:45 a.m. through 12:30 p.m. Expect longer wait times before and after the lunchtime closure.**

The submittal must include the following items:

1. Submit a copy of this letter.
2. **SUBMIT APPLICATIONS FOR A GENERAL PLAN AMENDMENT, REZONE, MAJOR USE PERMIT AND CERTIFICATE OF COMPLIANCE(S).** Please *contact the zoning counter at 858-694-2262 to verify your submittal requirements and schedule an appointment* for the submittal of your application(s). Please make the appointment as soon as possible, as the wait time for appointments fluctuates.
3. **SUBMIT A SEPARATE LETTER ADDRESSING EACH ITEM IN THE ATTACHED PROJECT ISSUE CHECKLIST (Attachment A), BY REFERENCE NUMBER.** This letter is required to detail how every unresolved item has been addressed in the resubmittal package.
4. In addition to the applications noted in #2 above, the following information and/or document(s) with the requested number of copies shall be provided.

| Information/Document   | # of Copies | CD or Flash Drive with Word and PDF Doc | Document Distribution<br><i>(For Admin Purposes Only)</i>   |
|--|-------------|---|---|
| <b>Project Issue Checklist Response Letter</b>   | 3           | PDF                                     | Bronwyn Brown (1)<br>Greg Kazmer (1),<br>LD (1)<br><br>Business Rule: Project Issue Checklist Response Letter   |
| <b>Application for a Major Use Permit</b><br><a href="http://www.sandiegocounty.gov/content/dam/sdc/pds/zoning/formfields/ESUB_MUP_STD.pdf">http://www.sandiegocounty.gov/content/dam/sdc/pds/zoning/formfields/ESUB_MUP_STD.pdf</a>                       | *           |   | Bronwyn Brown (1)   |
| <b>Application for a Reclamation Plan</b><br><a href="https://www.sandiegocounty.gov/content/dam/sdc/pds/zoning/formfields/ESUB_Reclamation_Plan.pdf">https://www.sandiegocounty.gov/content/dam/sdc/pds/zoning/formfields/ESUB_Reclamation_Plan.pdf</a>   |             |   | Bronwyn Brown (1)   |
| <b>Boundary Adjustment with Certificate of Compliance</b><br><a href="http://www.sandiegocounty.gov/content/dam/sdc/pds/zoning/formfields/ESUB_BA_with_CC.pdf">http://www.sandiegocounty.gov/content/dam/sdc/pds/zoning/formfields/ESUB_BA_with_CC.pdf</a> | *           |   | Bronwyn Brown (1)   |
| <b>Project Description</b>   | 12          | Word & PDF                              | Bronwyn Brown (1)<br>Greg Kazmer (1),<br>Air Quality (1),<br>Biologist (1)<br>Cultural Resources Specialist (1),<br>Hazards Specialist (1),<br>Fire Marshal (1),<br>Scott Rosecrans, (1)<br>Jim Bennett (1),<br>Noise Specialist (1),<br>Sean McLean (1),<br>Valle De Oro CPG (1)<br>Office of Mine Reclamation (1) |

| Information/Document   | # of Copies | CD or Flash Drive with Word <u>and</u> PDF Doc | Document Distribution<br><i>(For Admin Purposes Only)</i>   |
|--|-------------|--|---|
| <b>Plot Plan</b> <ul style="list-style-type: none"> <li>• Plans must be folded to 8-1/2 x 11 maximum with the lower right hand corner exposed</li> <li>• If multiple pages, sheets must be stapled together.</li> <li>• Must include Elevations</li> </ul> | 8           | PDF  | Bronwyn Brown (1),<br>Greg Kazmer (1),<br>Dave Kahler (1),<br>Fire Marshal (1),<br>Scott Rosecrans (1),<br>Sean McLean (1)<br>Noise Specialist (1)<br>Valle De Oro CPG (1)<br>Office of Mine Reclamation (1)<br><br><small>Business Rule: Plot Plan</small> |
| <b>Conceptual Landscape Plan</b> (if staff determines one is required)   | 3           | PDF  | Bronwyn Brown (1),<br>Dave Kahler (1)<br>Valle De Oro CPG (1)<br><br><small>Business Rule: Landscape Plans</small>  |
| <b>Planning Analysis</b>   | 2           | Word & PDF                                     | Bronwyn Brown (1),<br>Greg Kazmer (1)   |
| <b>Draft Major Use Permit Findings</b>   | 2           | Word & PDF                                     | Bronwyn Brown (1),<br>Greg Kazmer (1)   |
| <b>Resource Protection Study</b>   | 2           | 1 PDF  | Bronwyn Brown (1),<br>Greg Kazmer (1)<br><br><small>Business Rule: Resource-Protection-Study)</small>   |
| <b>Visual Impact Analysis</b>  | 2           | 1 PDF  | Bronwyn Brown (1),<br>Greg Kazmer (1)<br><br><small>Business Rule: Visual-Impact-Report</small>   |
| <b>Reclamation Plan Text</b>   | 4           | Word, & PDF                                    | Bronwyn Brown (1)<br>Jim Bennett (1)<br>Greg Kazmer (1)<br>Office of Mine Reclamation (1)   |
| <b>Agricultural Analysis</b>   | 2           | Word & PDF                                     | Bronwyn Brown (1),<br>Agriculture Specialist (1)<br><br><small>Business Rule: Agricultural Study</small>  |
| <b>Air Quality Information/Study</b>   | 2           | Word & PDF                                     | Bronwyn Brown (1),<br>Air Quality Specialist (1)<br><br><small>Business Rule: Air Quality Report</small>  |

| Information/Document                                       | # of Copies | CD or Flash Drive with Word <u>and</u> PDF Doc | Document Distribution<br><i>(For Admin Purposes Only)</i>  |
|--|-------------|--|--|
| <b>Full Biological Resources Report/Study</b>              | 2           | Word & PDF                                     | Bronwyn Brown (1),<br>Biologist (1)<br><br>Business Rule: Biological-Resource-Report and/or Biological Resource Easement Map and/or Biology Resource (map) |
| <b>Open Space, Fence and Sign Exhibit</b> (if applicable)  | 2           | PDF  | Bronwyn Brown (1),<br>Biologist (1)  |
| <b>Off-Site Mitigation Information</b> (if applicable)     | 2           | PDF  | Bronwyn Brown (1),<br>Biologist (1)  |
| <b>Conceptual Resource Management Plan</b> (if applicable) | 2           | Word & PDF                                     | Bronwyn Brown (1),<br>Biologist (1)  |
| <b>Conceptual Revegetation Plan</b> (if applicable)        | 3           | PDF  | Bronwyn Brown (1),<br>Biologist (1),<br>Dave Kahler (1)  |
| <b>Cultural Resource Report</b>                            | 2           | Word & PDF                                     | Bronwyn Brown (1),<br>Cultural Resources Specialist (1)<br><br>Business Rule: Business Rule: Cultural-Resource-Report                                      |
| <b>Cultural Resource Report Confidential Appendix</b>      | 1           | 1 PDF  | Cultural Resources Specialist (1)<br><br>Business Rule: Arch Survey Confidential   |
| <b>Additional Hazards Information</b>                      | 2           | 1 PDF  | Bronwyn Brown (1),<br>Hazards Specialist (1)<br><br>Business Rule: Hazardous Materials Information   |
| <b>Fire Protection Plan</b>                                | 3           | Word & PDF                                     | Bronwyn Brown (1),<br>Sean McLean (1)<br>James Pine (1)<br><br>Business Rule: Fire Protection Plan   |

| Information/Document   | # of Copies                          | CD or Flash Drive with Word and PDF Doc | Document Distribution<br><i>(For Admin Purposes Only)</i>  |
|--|--------------------------------------|---|--|
| <b>Stormwater Intake Form</b><br><a href="https://www.sandiegocounty.gov/content/dam/sdc/pds/zoning/formfields/SWQMP-Standard.pdf">https://www.sandiegocounty.gov/content/dam/sdc/pds/zoning/formfields/SWQMP-Standard.pdf</a> | 2                                    | Word & PDF                              | Bronwyn Brown (1),<br>Sean McLean (1)<br>Business Rule: Major –SWMP                                      |
| <b>Drainage/Flooding Analysis</b>  | 3                                    | Word & PDF                              | Bronwyn Brown (1),<br>Sean McLean (2)<br>Business Rule: Hydrology  |
| <b>Additional Detailed Water Demand</b>  | 2                                    | Word & PDF                              | Bronwyn Brown (1),<br>Jim Bennett (1)<br>Business Rule: Groundwater Report                               |
| <b>Geologic/Geotechnical Investigation Report</b>  | 2                                    | Word & PDF                              | Bronwyn Brown (1),<br>Jim Bennett (1)<br>Office of Mine Reclamation (1)<br>Business Rule: Geology Report |
| <b>Noise Analysis</b>  | 2                                    | Word & PDF                              | Bronwyn Brown (1),<br>Noise Specialist (1)<br>Business Rule: Acoustical/Noise Report                     |
| <b>Climate Change Analysis/Information</b>   | 2                                    | Word & PDF                              | Bronwyn Brown (1),<br>GHG Specialist (1)<br>Business Rule: Climate Change Analysis                       |
| <b>Mineral Resources Report</b>  | 2                                    | Word & PDF                              | Bronwyn Brown (1),<br>Leanne Crow (1)  |
| <b>Traffic Impact Analysis</b>   | 3                                    | Word & PDF                              | Bronwyn Brown (1),<br>Sean McLean (2)<br>Business Rule: Traffic-Impact                                   |
| <b>Trail Route Study&amp; Exhibit</b>  | 3                                    | Word & PDF                              | Bronwyn Brown (1),<br>Margaret Diss, DPR (1)   |
| <b>Title Reports (Confirming Legal Access for all legal lots with color coded plotted easements)</b>   | 2                                    | PDF                                     | Bronwyn Brown (1),<br>Sean McLean (1)  |
| <b>Memorandum(s) of Understanding according to Attachment C</b>  | 16<br>Subject Areas<br>(1 Copy each) | PDF                                     | Bronwyn Brown (1)<br>Business Rule: MOU  |

| Information/Document   | # of Copies | CD or Flash Drive with Word <u>and</u> PDF Doc | Document Distribution<br><i>(For Admin Purposes Only)</i> |
|--|-------------|--|---|
| <b>Owner of Property Authorization</b>   | 1           | PDF  | Bronwyn Brown (1)   |
| The staff turnaround goal for review of the requested information/document is 30 days. |             |  |   |

## 5. Deposits:

| <b>TRUST ACCOUNT ID#: 2091177-D-05619</b> |                       |
|---|-----------------------|
| <b>DEPARTMENT</b>                         | <b>DEPOSIT AMOUNT</b> |
| <b>PDS</b>                                | \$50,178.00           |
| <b>DEH</b>                                | \$1,434.00            |
| <b>TOTAL DEPOSITS:</b>                    | <b>\$51,612.00</b>    |

\* Refer to the attached "Estimate of Discretionary Processing Time and Cost" for a complete estimate of project costs through hearing /decision.

If you choose not to proceed with the project and you would like to request a refund of any remaining funds in your account, you may contact the Developer Deposit Hotline at 858-694-2320 or via e-mail at [DeveloperDeposits\\_CustomerService@sdcounty.ca.gov](mailto:DeveloperDeposits_CustomerService@sdcounty.ca.gov). Please note that deposit funds may have been fully expended and a refund may not be processed until all work on the project is complete and the project file is closed.

**PRE-APP EXPIRATION DATE**

In order to maintain adequate progress in processing of your project, the PDS requires that all of the revisions/information requested in this letter be submitted in conformance with the above submittal requirements by **January 8, 2018**. Please note that an extension of this date may be granted at the discretion of the Director of the PDS, however changes in circumstance may occur that render the direction in this letter outdated, incomplete or incorrect. To request an extension, submit a written request, signed and dated by the project applicant. The request must include the proposed new submittal date and a brief reasoning for the extension request. If the revised document(s) are not received, or an approved extension request is not granted by the Director by the above date, the information requested in this letter will not be accepted and a new pre-application may be needed to provide current submittal requirements.

If you have any questions or need additional information, please contact me at (858) 495-5516 or at [Bronwyn.Brown@sdcounty.ca.gov](mailto:Bronwyn.Brown@sdcounty.ca.gov).

Sincerely,



Bronwyn Brown, Project Manager

Project Planning Division

cc:

New West Investment Inc., Greg Brown, 565 N. Magnolia Avenue, El Cajon, CA 92020

Enviromine Inc., Warren Coalson and Dennis Fransway, 3511 Camino Del Rio S., Suite 403, San Diego, CA 92108

Wayne Change, P.O. Box 9496 Rancho Santa Fe, CA 92067-4496

email cc:

Benjamin Mills, Planning Manager, PDS

Bronwyn Brown, Project Manager, PDS

Valle De Oro Community Planning Group

**SCOPING LETTER MATRIX**

| <b>Attachment</b> | <b>Item</b>  |
|-------------------|--|
| <b>A</b>          | <b>Project Issue Checklist</b>                         |
| <b>B</b>          | Estimate of Discretionary Processing Time and Cost     |
| <b>C</b>          | Memorandums of Understanding                           |
| <b>D</b>          | Planning Analysis                                      |
| <b>E</b>          | Scope for Visual Resources & Aesthetics                |
| <b>F</b>          | Scope for Agricultural Resources                       |
| <b>G</b>          | Scope for Air Quality Analysis                         |
| <b>H</b>          | Scope of Biological Resources Report/Letter Report     |
| <b>I</b>          | Scope for Cultural Resources                           |
| <b>J</b>          | Paleontological Resources Conditions                   |
| <b>K</b>          | Scope for Geologic Investigation/Reconnaissance Report |
| <b>L</b>          | Scope for Hazardous Materials Use/Storage Onsite       |
| <b>M</b>          | Scope for Groundwater Resources                        |
| <b>N</b>          | Scope for Mineral Resources                            |
| <b>O</b>          | Scope for Noise Impact Analysis                        |
| <b>P</b>          | Scope for Climate Change                               |

**ATTACHMENT A**  
***PROJECT ISSUE CHECKLIST***

The Project Issue Checklist that follows details the specific changes and comments that are required to proceed with your project application. This checklist will be used throughout the process to track requests for information and satisfaction of project requirements.

Please note that the resubmittal of requested information must be accompanied by a separate letter addressing each item in the Project Issue Checklist. The letter must explain in detail how the comment was addressed and where (e.g. in what documents, where on the map/plot plan, etc.). County staff will use this letter to verify whether each comment in the checklist has been adequately addressed. If you have any questions about any of the comments in the checklist, please contact your project manager.

**ATTACHMENT A  
PROJECT ISSUE CHECKLIST**

| <b>COTTONWOOD SAND MINE</b>   |                     | <b>PDS2018-MPA-18-004</b>   |  |                        |                      |
|---|---------------------|---|--|------------------------|----------------------|
| <b>Planning &amp; Development Services Planning and CEQA Comments</b> |                     |   |  |                        |                      |
| <b>Item No.</b>   | <b>Subject Area</b> | <b>Issue, Revision or Information Required</b>  | <b>Issue Resolution Summary<br/>(Include Conditions)</b> | <b>Date Identified</b> | <b>Date Resolved</b> |
| 1- 1  | Major Project Issue | <p><b>Consistency with the San Diego County General Plan:</b><br/>Staff has provided a list of the General Plan goals and policies that need to be addressed as part of the project application and will require a qualitative and quantitative analysis. The list includes goals and policies from all the General Plan Elements along with policies from the Valle De Oro Community Plan and goals and objectives from the Rancho San Diego Specific Plan. The project will be reviewed to ensure consistency with the General Plan and a final General Plan consistency determination will be made after the project description is clearly defined and the environmental analysis is complete and finalized. Staff cannot move forward with a recommendation of approval until the project is found consistent with all applicable General Plan and community plan policies.</p> <p>Please see the attached Project Issue Checklist for a list of the goals and policies that need to be addressed.</p> |  | 11/8/18                |                      |
| 1- 2  | Major Project Issue | <p><b>Land Use/Community Character Consistency:</b><br/>The character of the area is single-family residential and the project request is for a sand mining, an extractive use. Additionally, there are two major components of the Rancho Specific Plan recreation system including Cottonwood Golf Course. The Specific Plan identifies the golf course serving as a buffer area and providing a larger setback to sensitive habitat areas. In order to assess the potential impacts to community character a land use and community character analysis shall be prepared for the proposed project. Please see Attachment D for Scoping requirements. Please see Attachment D for Scoping requirements.</p>   |  | 11/8/18                |                      |

**ATTACHMENT A  
PROJECT ISSUE CHECKLIST**

**COTTONWOOD SAND MINE** **PDS2018-MPA-18-004**

**Planning & Development Services Planning and CEQA Comments**

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|----------|---------------------|---|---|-----------------|---------------|
| 1- 3     | Major Project Issue | <p><b>Major Use Permit (MUP) Findings:</b><br/>           A Major Use Permit will also be required for the proposed Mining Operations (Extractive Use) pursuant to Sections 2805.c. and 2905.d. In accordance with Section 7358 of the Zoning Ordinance, it shall be found:</p> <p>a. That the location, size, design, and operating characteristics of the proposed use will be compatible with adjacent uses, residents, buildings, or structures, with consideration given to:</p> <ul style="list-style-type: none"> <li>• Harmony in scale, bulk, coverage and density;</li> <li>• The availability of public facilities, services and utilities;</li> <li>• The harmful effect, if any, upon desirable neighborhood character;</li> <li>• The generation of traffic and the capacity and physical character of surrounding streets;</li> <li>• The suitability of the site for the type and intensity of use or development which is proposed; and to</li> <li>• Any other relevant impact of the proposed use; and</li> </ul> <p>b. That the impacts, as described in paragraph "a" of this section, and the location of the proposed use will be consistent with the San Diego County General Plan.</p> <p>c. That the requirements of the California Environmental Quality Act have been complied with.</p> <p>Please provide additional, quantitative information that accurately describes the scale, bulk, coverage and intensity of the proposed sand mine. Please provide draft MUP Findings. Ongoing coordination between County staff and the applicant will be required to adequately address the MUP findings. Staff cannot recommend approval until all findings are made.</p> |   | 11/8/18         |               |
| 1- 4     | Major Project Issue | <p><b>MSCP Minor Amendment Area:</b><br/>           A portion of the proposed project site is located within a designated Minor Amendment area. Minor amendments require concurrence from the California Department of Fish &amp; Wildlife (CDFW) and the U.S. Fish &amp; Wildlife Service (USFWS). Requests for Minor Amendments will be in coordination with the Wildlife Agencies (CDFW and USFWS) in conformance with all applicable laws and regulations.</p>  |   | 11/8/18         |               |

**ATTACHMENT A  
PROJECT ISSUE CHECKLIST**

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| 1- 5   | Major Project Issue | <p><b>Biological Resource Constraints:</b><br/>The site contains jurisdictional waters of the U.S./State and/or wetlands protected by the Resource Protection Ordinance (RPO). Impacts to jurisdictional waters will require permitting the authorizing resource agencies and/or compliance with the RPO as appropriate.</p> <p>Several federally endangered and/or threatened species have been identified on the project site or within the vicinity of the project. The site may contain species that are not covered by the South County Multiple Species Conservation Program (MSCP) Subarea Plan, such as Quino checkerspot butterfly and San Diego fairy shrimp (per 2006 code case). Impacts to such species may require a Section 7 consultation or Section 10 permit from the U.S. Fish and Wildlife Service.</p>  |   | 11/8/18         |               |
| 1- 6   | Major Project Issue | <p><b>Visual Resources:</b><br/>Based on an initial review, it appears that proposed project may adversely affect visual resources. Willow Glen Drive is designated as a County Scenic Road. Views from scenic vistas, scenic highways and County Scenic Routes, and public recreation areas will need to be analyzed further to determine the extent of any adverse impacts. Visual resources can include narrow or expansive views, views from one site or from a series of sites as along a scenic highway and views above, at eye level, or from below. A Visual Resources Study is required. The report should identify changes/modifications of the project from the original and provide mitigation and design considerations to reduce the visual impacts associated with this project. The recommended mitigation and design considerations should be incorporated into the project design.</p> <p><input type="checkbox"/></p> |   | 11/8/18         |               |

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| 2- 1   | CEQA         | <p><b>California Environmental Quality Act:</b><br/>The project has a potential to result in significant impacts on the environmental for several issue areas, including (but not limited to) biology, hydrology, and visual resources. Where there are impacts that cannot be minimized to a less-than-significant level without imposing an alternative design, implications and the reasons why the project is being proposed must be described. Staff will continue to evaluate the proposed design and mitigation potential as the project progresses. At this time, further information in the form of technical studies/reports is required to determine your project's potential impacts on the environment, which will then be utilized to complete the Initial Study. The Initial Study will then be used to determine whether a Mitigated Negative Declaration or Environmental Impact Report will be necessary for your project. All impacts must be determined to be mitigated to a less-than-significant level in order to prepare a Mitigated Negative Declaration; otherwise, an Environmental Impact Report will be required. Additional copies of the final technical report(s) will be required when your project's environmental documents are circulated for public review. The reasons for this determination and the required information are detailed in the attachments to this letter.</p> |  | 11/8/18         |               |
| 2- 2   | CEQA         | <p><b>Noise:</b><br/>The proposed mining operation is subject to the one-hour average 75 dBA property line requirement pursuant to the County Noise Ordinance, Section 36.404. Combined noise levels from the mining/extractive uses and additional truck traffic has a potential to expose off-site existing residences to direct and cumulative noise impacts. A noise study will be required to demonstrate compliance with the County Noise Ordinance and County Noise Element.</p>  |  | 11/8/18         |               |

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| COTTONWOOD SAND MINE                                       |                     | PDS2018-MPA-18-004   |   |                 |               |
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| 2-3  | CEQA                | <p><b>Air Quality:</b><br/>The project has the potential to significantly contribute to the violation of an air quality standard or significantly contribute to an existing or projected air quality violation, primarily related to ground disturbance, construction equipment, and on-road mobile sources associated with the mineral extraction process. Therefore, the project is required to discuss the project's potential impacts to air quality. An Air Quality technical study must be prepared for the proposed project. Additionally, emissions from the proposed project have the potential to affect sensitive receptors within the Jamacha Valley and along truck haul routes. Impacts to sensitive receptors must be evaluated through a health risk assessment that analyzes onsite emissions as well as emissions from haul trucks traveling to and from the site. The analysis must include all feasible mitigation measures to reduce significant impacts.</p>   |   | 11/8/18         |               |
| 2-4  | CEQA                | <p><b>Altered Hydrogeologic Conditions:</b><br/>The project, situated within the Sweetwater River watershed and in the floodplain of the Sweetwater River, includes mining sand suitable for Portland Cement Concrete use. The project is proposing to excavate mineral resources within a shallow alluvial valley. Excavation below the water table may occur which may alter the hydrogeologic conditions and result in evaporative losses of groundwater. The potential for evaporative losses needs to be quantified to determine any potential groundwater investigation requirements. Additionally, excavation is proposed to occur in a stream channel that is used to transfer water from Loveland Reservoir to Sweetwater Reservoir under the supervision of Sweetwater Authority. It is recommended to coordinate with Sweetwater Authority early in the process to determine any issues or requirements.</p> <p>Additionally, the project will require floodway delineation and acceptance by Federal Emergency management Agency (FEMA). The project will require a Conditional Letter of Map Revision (CLOMR) prior to grading. At the completion of the project, a Letter of map Revision (LOMR) will be required.</p> |   | 11/8/18         |               |
| 3-1  | Project Description | Provide a revised table highlighting all APN's and identifying the existing and proposed Land Use Designation and Zoning. All offsite work needs to be included. Please include all offsite APNs   |   | 11/8/18         |               |

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PROJECT ISSUE CHECKLIST**

| <b>COTTONWOOD SAND MINE</b>   |                     | <b>PDS2018-MPA-18-004</b>  |  |                        |                      |
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| <b>Item No.</b>   | <b>Subject Area</b> | <b>Issue, Revision or Information Required</b>   | <b>Issue Resolution Summary<br/>(Include Conditions)</b> | <b>Date Identified</b> | <b>Date Resolved</b> |
| 3- 2  | Project Description | Please provide a project history outlining previous approvals and previous CEQA documents.   |  | 11/8/18                |                      |
| 3- 3  | Project Description | Please provide a table summary outlining the project specific components. Please quantify and identify total square footage and dimensions for each structure (i.e. processing plant, loadout facility, golfclub structures, parking for both Golf Course and Mining). Within this table add which phase will propose and remove structures. Identify how many parking spaces are assigned to the Golf Course and the Mining Project.  |  | 11/8/18                |                      |
| 3- 4  | Project Description | Page 1 of the Project Description describes the golf course operations will continue as mining is completed in phases. Please can you elaborate on what part of the golf course will be operating during Phase 1? (Describe the Lakes and Ivanhoe golf course) Please provide additional discussion on the components associated to the golf course and what additional changes will be occurring to the golf club facilities and operations (including parking, hours of operation, and occupancy). |  | 11/8/18                |                      |
| 3- 5  | Project Description | Please expand within the Existing Land Entitlements Section on the permitted existing structures, golf holes, parking, hours of operation and occupancy. Outline the associated MUP Modification for the golf course management instructional facility and the additional area that was added to the golf course. A RPO Open Space Easement was included as part of this MUP Modification. Additionally please include discussion on the Rancho San Diego Specific Plan.                             |  | 11/8/18                |                      |
| 3- 6  | Project Description | Because the Golf Course is being downsized, please elaborate in detail on project operations, facilities and staffing. Identify the amount parking that will be provided, access and logistics with having a proposed mining operation onsite. Describe in which phase, when golfclub structures will be removed.  |  | 11/8/18                |                      |
| 3- 7  | Project Description | The project proposes to have material sales and transporation on Saturdays from 5:00am to 1:00pm. Clarify if any mining operations is expected to occur during weekends or outside typical work hours. This will help us identify any additional impacts such as noise levels or specific impacts to the existing road systems.  |  | 11/8/18                |                      |

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**COTTONWOOD SAND MINE PDS2018-MPA-18-004**

**Planning & Development Services Planning and CEQA Comments**

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|----------|---------------------|---|---|-----------------|---------------|
| 3- 8     | Project Description | The project description describes the property as being zoned for extractive use. Due to the different zoning designations on the site, edits to this sentence are required based on the necessary discretionary permits that are required for this use.          |   | 11/8/18         |               |
| 3- 9     | Project Description | Areas disturbed by resources extraction will be progressively reclaimed. Please elaborate in more on the the proposed final land use and release of reclamation.  |   | 11/8/18         |               |
| 3- 10    | Project Description | The project description describes a 50-foot setback from Willow Glen Drive. Where does this requirement come from? The properties for this project are designated with a V/C/A setback designator. Additional information is required.                            |   | 11/8/18         |               |
| 3- 11    | Project Description | The project description states that vegetation monitoring will continue for 3 years after reclamation. 5 years is standard. Please revise.  |   | 11/8/18         |               |
| 3- 12    | Project Description | Revise project description with correct construction aggregate product. The executive summary and Section 3.2 Project Reserves quotes different quantities.   |   | 11/8/18         |               |
| 3- 13    | Project Description | Identify the quantities required for backfill material.   |   | 11/8/18         |               |
| 3- 14    | Project Description | Identify which section of the Rancho San Diego Specific Plan restricts an Extractive use type to "Site Preparation".  |   | 11/8/18         |               |
| 3- 15    | Project Description | The project description states equipment will be located near the center of the project area, adjacent to Willow Glen Drive west of the existing parking lot. Please outline if this is for operations or for storage.  |   | 11/8/18         |               |
| 3- 16    | Project Description | The project description describes the topsoil and overburden removal scope. It outlines that revegetation will not be needed. Typical operations require ALL topsoil be stockpiled. Staff would need a study or an experience opinion to allow for this proposal. |   | 11/8/18         |               |
| 3- 17    | Project Description | In phase 2, and phase 3, the conveyor/slurry line plans on utilizing existing golf cart river crossings to transport materials across the river channel. Please identify on previous approved plans where these river crossings are and if these were permitted.  |   | 11/8/18         |               |
| 3- 18    | Project Description | Additional details are required on the operation equipment and duration.  |   | 11/8/18         |               |
| 3- 19    | Project Description | Please provide more information and the specifications for shielded night lighting.   |   | 11/8/18         |               |
| 3- 20    | Project Description | Additional information on water demand from the existing groundwater wells on the property is required.   |   | 11/8/18         |               |

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| 3- 21   | Project Description | Identify which wells will not be used and will be abandoned.  |  | 11/8/18                |                      |
| 3- 22   | Project Description | Specify locates of portable restrooms and two metal cargo containers for storage.   |  | 11/8/18                |                      |
| 3- 23   | Project Description | Identify whether a small water system or vendor permit will be required for drinking water.   |  | 11/8/18                |                      |
| 3- 24   | Project Description | Section 6185.e. Recycling of salvaged concrete, asphalt and rock. Please elaborate if the project is proposing to recycle salvaged concrete, asphalt and rock.  |  | 11/8/18                |                      |
| 3- 25   | Project Description | Provide the elevation for depth of excavation.  |  | 11/8/18                |                      |
| 3- 26   | Project Description | Page 4 - All areas that are disturbed will be required to be revegetated with or without pending development. Please revise statement.  |  | 11/8/18                |                      |
| 3- 27   | Project Description | Page 7 - If inert fill is being imported, please elaborate on quantity and if this fill will be processed material or will be processed onsite? Coordination with Local Enforcement Agency (LEA) and the Regional Water Control Quality Board (RWCQB) will be required.               |  | 11/8/18                |                      |
| 3- 28   | Project Description | Page 13 - Topsoil will not be used to revegetate disturbed areas. Typical operations require all topsoil to be stockpiled. Additional analysis and justification is required to allow for this proposal. Please elaborate.  |  | 11/8/18                |                      |
| 3- 29   | Project Description | The existing golf cart river crossings are proposing to be used for the project. These crossings may need further analysis and or permitting from Agencies based on a pending Biological Resources Report. Please revise and explain if additional analysis and permits are required. |  | 11/8/18                |                      |
| 3- 30   | Project Description | A geotechnical report will be required to confirm if a 2:1 slope with a height of 20 feet can be supported. Figure 3.4-3 in the project description is inconsistent with the slopes outlined on Sheet 5 of the Plot Plan.   |  | 11/8/18                |                      |
| 3- 31   | Project Description | Provide additional details on the settling basins. Exact location, how deep, below or above groundwater table.  |  | 11/8/18                |                      |
| 3- 32   | Project Description | Confirm the maximum height of the stockpiling is 25-feet.   |  | 11/8/18                |                      |
| 3- 33   | Project Description | Page 25 - The performance standards identify 50% cover. This will need to be justified by the general conditions in the area.   |  | 11/8/18                |                      |
| 3- 34   | Project Description | Pending additional comments in this letter, the project description should be updated to reflect the most current project description.  |  | 11/8/18                |                      |

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| 4- 1  | General Plan Conformance | The project is required to conform to the County of San Diego General Plan and the Valley De Oro Community Plan Goals and Policies. Please provide a Planning Analysis. A project analysis of each applicable goal and policy is required. An analysis of the Community Development Model is required to show consistency with the County of San Diego General Plan. The following General Plan and Community Plan Policies are applicable:  |  | 11/8/18                |                      |
| 4- 2  | General Plan Conformance | <b>Policy LU-1.3 Development Patterns.</b> Designate land use designations in patterns to create or enhance communities and preserve surrounding rural lands.  |  | 11/8/18                |                      |
| 4- 3  | General Plan Conformance | <b>LU-1.6 Conversion of Public Lands to Private Ownership.</b> Assign lands in public use an underlying designation of Rural Lands 80. When such lands are transferred to private ownership, the RL-80 designation shall apply until the appropriate long-term use of the property is determined and a general plan amendment is approved for redesignation of the property. This policy applies to areas on the Land Use Map designated Public/Semi-Public Facilities, Federal and State Lands, and Tribal Lands. |  | 11/8/18                |                      |
| 4- 4  | General Plan Conformance | <b>LU-2.4 Relationship of Land Uses to Community Character.</b> Ensure that the land uses and densities within any Regional Category or Land Use Designation depicted on the Land Use Map reflect the unique issues, character, and development objectives for a Community Plan area, in addition to the General Plan Guiding Principles.  |  | 11/8/18                |                      |
| 4- 5  | General Plan Conformance | <b>LU-2.6 Development near Neighboring Jurisdictions.</b> Require that development in the proximity of neighboring jurisdictions retain the character of the unincorporated community and use buffers or other techniques where development in the neighboring jurisdiction is incompatible.   |  | 11/8/18                |                      |
| 4- 6  | General Plan Conformance | <b>Policy LU-2.8 Mitigation of Development Impacts.</b> Require measures that minimize significant impacts to surrounding areas from uses or operations that cause excessive noise, vibrations, dust, odor, aesthetic impairment, and/or are detrimental to human health and safety.   |  | 11/8/18                |                      |

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| 4-7   | General Plan Conformance | <b>LU-4.3 Relationship of Plans in Adjoining Jurisdictions.</b> Consider the plans and projects of overlapping or neighboring agencies in the planning of unincorporated lands, and invite comments and coordination when appropriate.   |  | 11/8/18                |                      |
| 4-8   | General Plan Conformance | <b>Policy LU-5.3: Rural Land Preservation.</b> Ensure the preservation of existing open space and rural areas (e.g., forested areas, agricultural lands, wildlife habitat and corridors, wetlands, watersheds, and groundwater recharge areas) when permitting development under the Rural and Semi-Rural Land Use Designations.                     |  | 11/8/18                |                      |
| 4-9   | General Plan Conformance | <b>Policy LU-5.5: Projects that Impede Non-Motorized Travel.</b> Ensure that development projects and road improvements do not impede bicycle and pedestrian access. Where impacts to existing planned routes would occur, ensure that impacts are mitigated and acceptable alternative routes are implemented.                                      |  | 11/8/18                |                      |
| 4-10  | General Plan Conformance | <b>Policy LU-6.1 Environmental Sustainability.</b> Require the protection of intact or sensitive natural resources in support of the long-term sustainability of the natural environment.  |  | 11/8/18                |                      |
| 4-11  | General Plan Conformance | <b>Policy LU-6.5 Sustainable Stormwater Management.</b> Ensure that development minimizes the use of impervious surfaces and incorporates other Low Impact Development techniques as well as a combination of site design, source control, and stormwater best management practices, where applicable and consistent with the County's LID Handbook. |  | 11/8/18                |                      |
| 4-12  | General Plan Conformance | <b>LU-6.6: Integration of Natural Features into Project Design.</b> Require incorporation of natural features (including mature oaks, indigenous trees, and rock formations) into proposed development and require avoidance of sensitive environmental resources.   |  | 11/8/18                |                      |
| 4-13  | General Plan Conformance | <b>LU-6.7 Open Space Network.</b> Require projects with open space to design contiguous open space areas that protect wildlife habitat and corridors; preserve scenic vistas and areas; and connect with existing or planned recreational opportunities.   |  | 11/8/18                |                      |

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| 4-14  | General Plan Conformance | <p><b>LU-6.8 Oversight of Open Space.</b> Require that open space associated with future development that is intended to be preserved in perpetuity either be:</p> <p>1) Retained in private ownership of the property owner or a third party with a restrictive easement that limits use of the land as appropriate; or</p> <p>2) Transferred into public ownership of an agency that manages preserved open space.</p> <p>The owner of the open space will be responsible for the maintenance and any necessary management unless those responsibilities are delegated through an adopted plan or agreement. Restrictive easements shall be dedicated to the County or a public agency (approved by the County) with responsibilities that correspond with the purpose of the open space. When transferred to a third party or public agency, a funding mechanism to support the future maintenance and management of the property should be established to the satisfaction of the County.</p> |  | 11/8/18                |                      |
| 4-15  | General Plan Conformance | <p><b>Policy LU-6.9: Development Conformance with Topography.</b> Require development to conform to the natural topography to limit grading; incorporate and not significantly alter the dominant physical characteristics of a site; and to utilize natural drainage and topography in conveying stormwater to the maximum extent practicable.</p>   |  | 11/8/18                |                      |
| 4-16  | General Plan Conformance | <p><b>Policy LU-6.10: Protection from Hazards.</b> Require that development be located and designed to protect property and residents from the risks of natural and man-induced hazards.</p>  |  | 11/8/18                |                      |
| 4-17  | General Plan Conformance | <p><b>LU-6.12 Flooding.</b> Document and annually review areas within floodways and 100- and 200-year floodplains to ensure areas subject to flooding are accurately mapped in accordance with AB 162 (enacted January 1, 2008). (See also Policy S-9.1)</p>  |  | 11/8/18                |                      |
| 4-18  | General Plan Conformance | <p><b>LU-7.1 Agricultural Land Development.</b> Protect agricultural lands with lower-density land use designations that support continued agricultural operations.</p>   |  | 11/8/18                |                      |

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**Planning & Development Services Planning and CEQA Comments**

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| 4- 19    | General Plan Conformance | <b>Policy LU-8.2: Groundwater Resources.</b> Require development to identify adequate groundwater resources in groundwater-dependent areas, as follows:<br><ul style="list-style-type: none"> <li>• In areas dependent on currently identified groundwater overdrafted basins, prohibit new development from exacerbating overdraft conditions.</li> <li>• Encourage programs to alleviate overdraft conditions in Boulevard.</li> <li>• In areas without current overdraft groundwater conditions, prohibit new groundwater-dependent development where overdraft conditions are foreseeable.</li> </ul> |   | 11/8/18         |               |
| 4- 20    | General Plan Conformance | <b>Policy LU-8.3: Groundwater Dependent Habitat.</b> Discourage development that would significantly draw down the groundwater table to the detriment of groundwater-dependent habitat, except in the Borrego Valley.   |   | 11/8/18         |               |
| 4- 21    | General Plan Conformance | <b>Policy LU-10.2: Development–Environmental Resource Relationship.</b> Require development in semi-rural and rural areas to respect and conserve the unique natural features and rural character and avoid sensitive or intact environmental resources and hazard areas.   |   | 11/8/18         |               |
| 4- 22    | General Plan Conformance | <b>Policy LU-12.1: Concurrence of Infrastructure and Services with Development.</b> Require the provision of infrastructure, facilities, and services needed by new development prior to that development, either directly or through fees. Where appropriate, the construction of infrastructure and facilities may be phased to coincide with project phasing.  |   | 11/8/18         |               |
| 4- 23    | General Plan Conformance | <b>Policy LU-12.2: Maintenance of Adequate Services.</b> Require development to mitigate significant impacts to existing service levels of public facilities or services for existing residents and businesses. Provide improvements for Mobility Element roads in accordance with the Mobility Element Network Appendix matrices, which may result in ultimate build-out conditions that achieve an improved Level of Service (LOS) but do not achieve a LOS of D or better.   |   | 11/8/18         |               |
| 4- 24    | General Plan Conformance | <b>Policy LU-13.2: Commitment of Water Supply.</b> Require new development to identify adequate water resources, in accordance with state law, to support the development prior to approval.  |   | 11/8/18         |               |

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| 4- 25  | General Plan Conformance | <b>Policy M-3.3 Multiple Ingress and Egress.</b> Require development to provide multiple ingress/egress routes in conformance with State law, and local regulations.  |   | 11/8/18         |               |
| 4- 26  | General Plan Conformance | <b>Policy M-4.4 Accommodate Emergency Vehicles.</b> Design and construct public and private roads to allow for necessary access for appropriately sized fire apparatus and emergency vehicles while accommodating outgoing vehicles from evacuating residents.  |   | 11/8/18         |               |
| 4- 27  | General Plan Conformance | <b>Policy M-10.7 Parking Area Design for Stormwater Runoff.</b> Require that parking areas be designed to reduce pollutant discharge and stormwater runoff through site design techniques such as permeable paving, landscaped infiltration areas, and unpaved but reinforced overflow parking areas that increase infiltration. Require parking areas located within or adjacent to preserve areas to also include native landscaping and shielded lighting.   |   | 11/8/18         |               |
| 4- 28  | General Plan Conformance | <b>Policy COS-2.2 Habitat Protection through Site Design.</b> Require development to be sited in the least biologically sensitive areas and minimize the loss of natural habitat through site design.   |   | 11/8/18         |               |
| 4- 29  | General Plan Conformance | <b>Policy COS-3.1 Wetland Protection.</b> Require development to preserve existing natural wetland areas and associated transitional riparian and upland buffers and retain opportunities for enhancement.  |   | 11/8/18         |               |
| 4- 30  | General Plan Conformance | <b>Policy COS-3.2: Minimize Impacts of Development.</b> Require development projects to:<br><ul style="list-style-type: none"> <li>• Mitigate any unavoidable losses of wetlands, including its habitat functions and values; and</li> <li>• Protect wetlands, including vernal pools, from a variety of discharges and activities, such as dredging or adding fill material, exposure to pollutants such as nutrients, hydromodification, land and vegetation clearing, and the introduction of invasive species.</li> </ul> |   | 11/8/18         |               |
| 4- 31  | General Plan Conformance | <b>Policy COS-4.1 Water Conservation.</b> Require development to reduce the waste of potable water through use of efficient technologies and conservation efforts that minimize the County's dependence on imported water and conserve groundwater resources.   |   | 11/8/18         |               |

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| 4-32  | General Plan Conformance | <b>COS-4.2 Drought-Efficient Landscaping.</b> Require efficient irrigation systems and in new development encourage the use of native plant species and non-invasive drought tolerant/low water use plants in landscaping.  |  | 11/8/18                |                      |
| 4-33  | General Plan Conformance | <b>Policy COS-5.1 Impact to Floodways and Floodplains.</b> Restrict development in floodways and floodplains in accordance with policies in the Flood Hazards section of the Safety Element. Development in floodways and floodplains has the potential to alter natural hydrologic flow and cause soil erosion and increased stormwater runoff—including loss of wetland and health issues related to surface and groundwater contamination. <u>This policy will be evaluated through the Stormwater Management Plan and Drainage Study.</u> |  | 11/8/18                |                      |
| 4-34  | General Plan Conformance | <b>Policy COS-5.2 Impervious Surfaces.</b> Require development to minimize the use of directly connected impervious surfaces and to retain stormwater run-off caused from the development footprint at or near the site of generation.  |  | 11/8/18                |                      |
| 4-35  | General Plan Conformance | <b>Policy COS-5.3 Downslope Protection.</b> Require development to be appropriately sited and to incorporate measures to retain natural flow regimes, thereby protecting downslope areas from erosion, capturing runoff to adequately allow for filtration and/or infiltration, and protecting downstream biological resources.   |  | 11/8/18                |                      |
| 4-36  | General Plan Conformance | <b>Policy COS-5.5 Impacts of Development to Water Quality.</b> Require development projects to avoid impacts to the water quality in local reservoirs, groundwater resources, and recharge areas, watersheds, and other local water sources.  |  | 11/8/18                |                      |
| 4-37  | General Plan Conformance | <b>Policy COS-7.1 Archaeological Protection.</b> Preserve important archaeological resources from loss or destruction and require development to include appropriate mitigation to protect the quality and integrity of these resources.  |  | 11/8/18                |                      |
| 4-38  | General Plan Conformance | <b>Policy COS-7.3 Archaeological Collections.</b> Require the appropriate treatment and preservation of archaeological collections in a culturally appropriate manner.  |  | 11/8/18                |                      |

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| 4-39  | General Plan Conformance | <b>Policy COS-9.1 Preservation.</b> Require the salvage and preservation of unique paleontological resources when exposed to the elements during excavation or grading activities or other development processes.   |  | 11/8/18                |                      |
| 4-40  | General Plan Conformance | <b>Policy COS-9.2 Impacts of Development.</b> Require development to minimize impacts to unique geological features from human related destruction, damage, or loss.  |  | 11/8/18                |                      |
| 4-41  | General Plan Conformance | <b>Policy COS-11.1: Protection of Scenic Resources.</b> Require the protection of scenic highways, corridors, regionally significant scenic vistas, and natural features, including prominent ridgelines, dominant landforms, reservoirs, and scenic landscapes.  |  | 11/8/18                |                      |
| 4-42  | General Plan Conformance | <b>Policy COS-11.3: Development Siting and Design.</b> Require development within visually sensitive areas to minimize visual impacts and to preserve unique or special visual features, particularly in rural areas, through the following:<br><ul style="list-style-type: none"> <li>• Creative site planning</li> <li>• Integration of natural features into the project</li> <li>• Appropriate scale, materials, and design to complement the surrounding natural landscape</li> <li>• Minimal disturbance of topography</li> <li>• Clustering of development so as to preserve a balance of open space vistas, natural features, and community character.</li> <li>• Creation of contiguous open space networks</li> </ul> |  | 11/8/18                |                      |
| 4-43  | General Plan Conformance | <b>COS-13.1 Restrict Light and Glare.</b> Restrict outdoor light and glare from development projects in Semi-Rural and Rural Lands and designated rural communities to retain the quality of night skies by minimizing light pollution.   |  | 11/8/18                |                      |
| 4-44  | General Plan Conformance | <b>Policy COS-14.7: Alternative Energy Sources for Development Projects.</b> Encourage development projects that use energy recovery, photovoltaic, and wind energy.  |  | 11/8/18                |                      |
| 4-45  | General Plan Conformance | <b>COS-14.8 Minimize Air Pollution.</b> Minimize land use conflicts that expose people to significant amounts of air pollutants.  |  | 11/8/18                |                      |

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| 4- 46   | General Plan Conformance | <b>Policy COS-14.9: Significant Producers of Air Pollutants.</b> Require projects that generate potentially significant levels of air pollutants and/or GHGs such as quarries, landfill operations, or large land development projects to incorporate renewable energy, and the best available control technologies and practices into the project design. |  | 11/8/18                |                      |
| 4- 47   | General Plan Conformance | <b>Policy COS-14.10: Low-Emission Construction Vehicles and Equipment.</b> Require County contractors and encourage other developers to use low-emission construction vehicles and equipment to improve air quality and reduce GHG emissions.  |  | 11/8/18                |                      |
| 4- 48   | General Plan Conformance | <b>Policy COS-14.11 Native Vegetation.</b> Require development to minimize the vegetation management of native vegetation while ensuring sufficient clearing is provided for fire control.   |  | 11/8/18                |                      |
| 4- 49   | General Plan Conformance | <b>Policy COS-15.6: Design and Construction Methods.</b> Require development design and construction methods to minimize impacts to air quality.   |  | 11/8/18                |                      |
| 4- 50   | General Plan Conformance | <b>Policy COS-17.2 Construction and Demolition Waste.</b> Require recycling, reduction and reuse of construction and demolition debris.  |  | 11/8/18                |                      |
| 4- 51   | General Plan Conformance | <b>Policy COS-18.1: Alternate Energy Systems Design.</b> Work with San Diego Gas and Electric and non-utility developers to facilitate the development of alternative energy systems that are located and designed to maintain the character of their setting.   |  | 11/8/18                |                      |
| 4- 52   | General Plan Conformance | <b>Policy S-3.1 Defensible Development.</b> Require development to be located, designed, and constructed to provide adequate defensibility and minimize the risk of structural loss and life safety resulting from wildland fires.   |  | 11/8/18                |                      |
| 4- 53   | General Plan Conformance | <b>Policy S-3.3 Minimize Flammable Vegetation.</b> Site and design development to minimize the likelihood of a wildfire spreading to structures by minimizing pockets or peninsulas, or islands of flammable vegetation within a development.  |  | 11/8/18                |                      |
| 4- 54   | General Plan Conformance | <b>Policy S-3.6 Fire Protection Measures.</b> Ensure that development located within fire threat areas implement measures that reduce the risk of structural and human loss due to wildfire.   |  | 11/8/18                |                      |

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| 4- 55    | General Plan Conformance | <b>Policy S-3.7: Fire Resistant Construction.</b> Require all new, remodeled, or rebuilt structures to meet current ignition resistance construction codes and establish and enforce reasonable and prudent standards that support retrofitting of existing structures in high fire threat areas.   |   | 11/8/18         |               |
| 4- 56    | General Plan Conformance | <b>Policy S-6.1: Water Supply.</b> Ensure that water supply systems for development are adequate to combat structural and wildland fires.   |   | 11/8/18         |               |
| 4- 57    | General Plan Conformance | <b>Policy S-6.3: Funding Fire Protection Services.</b> Require development to contribute its fair share towards funding the provision of appropriate fire and emergency medical services as determined necessary to adequately serve the project.   |   | 11/8/18         |               |
| 4- 58    | General Plan Conformance | <b>Policy S-7.1 Development Location.</b> Locate development in areas where the risk to people or resources is minimized. In accordance with the California Department of Conservation Special Publication 42, require development be located a minimum of 50 feet from active or potentially active faults, unless an alternative setback distance is approved based on geologic analysis and feasible engineering design measures adequate to demonstrate that the fault rupture hazard would be avoided. |   | 11/8/18         |               |
| 4- 59    | General Plan Conformance | <b>Policy S-9.2: Development in Floodplains.</b> Limit development in designated floodplains to decrease the potential for property damage and loss of life from flooding and to avoid the need for engineered channels, channel improvements, and other flood control facilities. Require development to conform to federal flood proofing standards and siting criteria to prevent flow obstruction.  |   | 11/8/18         |               |
| 4- 60    | General Plan Conformance | <b>Policy S-10.4 Stormwater Management.</b> Require development to incorporate low impact design, hydromodification management, and other measures to minimize stormwater impacts on drainage and flood control facilities.   |   | 11/8/18         |               |
| 4- 61    | General Plan Conformance | <b>Policy S-10.5 Development Site Improvements.</b> Require development to provide necessary on- and off-site improvements to stormwater runoff and drainage facilities.  |   | 11/8/18         |               |

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| 4- 62    | General Plan Conformance | <b>Policy S-11.5 Development Adjacent to Agricultural Operations.</b> Require development adjacent to existing agricultural operations in Semi-Rural and Rural Lands to adequately buffer agricultural areas and ensure compliance with relevant safety codes where pesticides or other hazardous materials are used.  |   | 11/8/18         |               |
| 4- 63    | General Plan Conformance | <b>Policy N-1.1: Noise Compatibility Guidelines.</b> Use the Noise Compatibility Guidelines (Table N-1) and the Noise Standards (Table N-2) as a guide in determining the acceptability of exterior and interior noise for proposed land uses.   |   | 11/8/18         |               |
| 4- 64    | General Plan Conformance | <b>Policy N-1.2: Noise Management Strategies.</b> Require the following strategies as higher priorities than construction of conventional noise barriers where noise abatement is necessary:<br><ul style="list-style-type: none"> <li>o Avoid placement of noise sensitive uses within noisy areas</li> <li>o Increase setbacks between noise generators and noise sensitive uses</li> <li>o Orient buildings such that the noise sensitive portions of a project are shielded from noise sources</li> <li>o Use sound-attenuating architectural design and building features</li> <li>o Employ technologies when appropriate that reduce noise generation (i.e. alternative pavement materials on roadways)</li> </ul> |   | 11/8/18         |               |
| 4- 65    | General Plan Conformance | <b>Policy N-2.1 Development Impacts to Noise Sensitive Land Uses.</b> Require an acoustical study to identify inappropriate noise level where development may directly result in any existing or future noise sensitive land uses being subject to noise levels equal to or greater than 60 CNEL and require mitigation for sensitive uses in compliance with the noise standards listed in Table N-2.   |   | 11/8/18         |               |
| 4- 66    | General Plan Conformance | <b>Policy N-3.1: Groundborne Vibration.</b> Use the Federal Transit Administration and Federal Railroad Administration guidelines, where appropriate, to limit the extent of exposure that sensitive uses may have to groundborne vibration from trains, construction equipment, and other sources.  |   | 11/8/18         |               |
| 4- 67    | General Plan Conformance | <b>Policy N-4.1: Traffic Noise.</b> Require that projects proposing General Plan amendments that increase the average daily traffic beyond what is anticipated in this General Plan do not increase cumulative traffic noise to off-site noise sensitive land uses beyond acceptable levels.   |   | 11/8/18         |               |

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| 4- 68   | General Plan Conformance | <b>Policy N-6.2 Recurring Intermittent Noise.</b> Minimize impacts from noise in areas where recurring intermittent noise may not exceed the noise standards listed in Table N-2.   |  | 11/8/18                |                      |
| 4- 69   | General Plan Conformance | <b>Policy N-6.4 Hours of Construction.</b> Require development to limit the hours of operation as appropriate for non-emergency construction and maintenance.   |  | 11/8/18                |                      |
| 4- 70   | General Plan Conformance | <b>Policy M-2.3 Environmentally Sensitive Road Design.</b> Locate and design public and private roads to minimize impacts to significant biological and other environmental and visual resources. Avoid road alignments through floodplains to minimize impacts on floodplain habitats and limit the need for constructing flood control measures. Design new roads to maintain wildlife movement and retrofit existing roads for that purpose. Utilize fencing to reduce road kill and to direct animals to under crossings. |  | 11/8/18                |                      |
| 4- 71   | General Plan Conformance | <b>Policy S-9 Protection of Life and Property.</b> Minimized personal injury and property damage losses resulting from flood events.  |  | 11/8/18                |                      |
| 4- 72   | General Plan Conformance | <b>Policy S-9.2 Development in Floodplains.</b> Limit development in designated floodplains to decrease the potential for property damage and loss of life from flooding and to avoid the need for engineered channels, channel improvements, and other flood control facilities. Require development to conform to federal flood proofing standards and siting criteria to prevent flow obstruction. <u>This policy will be evaluated through the Stormwater Management Plan and Drainage Study.</u>                         |  | 11/8/18                |                      |
| 4- 73   | General Plan Conformance | <b>Policy S-9.3 Development in Flood Hazard Areas.</b> Require development within mapped flood hazard areas be sited and designed to minimize on and off-site hazards to health, safety, and property due to flooding. <u>This policy will be evaluated through the Stormwater Management Plan and Drainage Study.</u>  |  | 11/8/18                |                      |

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| 4- 74    | General Plan Conformance | <b>Policy S-9.5 Development in Semi-Rural and Rural Lands within the Floodplain Fringe.</b> Prohibit development in the floodplain fringe when located on Semi-Rural and Rural Lands to maintain the capacity of the floodplain, unless specifically allowed in a community plan. For parcels located entirely within a floodplain or without sufficient space for a building pad outside the floodplain, development is limited to a single family home on an existing lot or those uses that do not compromise the environmental attributes of the floodplain or require further channelization.<br><u>This policy will be evaluated through the Stormwater Management Plan and Drainage Study.</u>      |  | 11/8/18         |               |
| 4- 75    | General Plan Conformance | <b>Policy S-10 Floodway and Floodplain Capacity.</b> Floodways and floodplains that have acceptable capacity to accommodate flood events.<br><u>This policy will be evaluated through the Stormwater Management Plan and Drainage Study.</u>   |  | 11/8/18         |               |
| 4- 76    | General Plan Conformance | <b>Policy S-10.1 Land Uses within Floodways.</b> Limit new or expanded uses in floodways to agricultural, recreational, and other such low-intensity uses and those that do not result in any increase in flood levels during the occurrence of the base flood discharge, do not include habitable structures, and do not substantially harm, and fully offset, the environmental values of the floodway area. This policy does not apply to minor renovation projects, improvements required to remedy an existing flooding problem, legal sand or gravel mining activities, or public infrastructure.<br><u>This policy will be evaluated through the Stormwater Management Plan and Drainage Study.</u> |  | 11/8/18         |               |
| 4- 77    | General Plan Conformance | <b>Policy S-10.2 Use of Natural Channels.</b> Require the use of natural channels for County flood control facilities except where necessary to protect existing structures from a current flooding problem and where natural channel use is deemed infeasible. The alternative must achieve the same level of biological and other environmental protection, such as water quality, hydrology, and public safety.<br><u>This policy will be evaluated through the Stormwater Management Plan and Drainage Study.</u>  |  | 11/8/18         |               |

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| 4- 78   | General Plan Conformance    | <p><b>Policy S-10.3 Flood Control Facilities.</b> Require flood control facilities to be adequately sized, constructed, and maintained to operate effectively.</p> <p><u>This policy will be evaluated through the Stormwater Management Plan and Drainage Study.</u></p>   |  | 11/8/18                |                      |
| 4- 79   | General Plan Conformance    | <p><b>Policy S-10.4 Stormwater Management.</b> Require development to incorporate low impact design, Hydromodification management, and other measures to minimize stormwater impacts on drainage and flood control facilities.</p> <p><u>This policy will be evaluated through the Stormwater Management Plan and Drainage Study.</u></p>   |  | 11/8/18                |                      |
| 4- 80   | General Plan Conformance    | <p><b>Policy S-10.5 Development Site Improvements.</b> Require development to provide necessary on- and off-site improvements to stormwater runoff and drainage facilities.</p> <p><u>This policy will be evaluated through the Stormwater Management Plan and Drainage Study.</u></p>  |  | 11/8/18                |                      |
| 4- 81   | General Plan Conformance    | <p><b>Policy S-10.6 Stormwater Hydrology.</b> Ensure development avoids diverting drainages, increasing velocities, and altering flow rates to off-site areas to minimize adverse impacts to the area's existing hydrology. Increases in velocities and peak flow rates can result in flooding, erosion, and other problems downstream. Decreases can deprive biological resources of a needed water source.</p> <p><u>This policy will be evaluated through the Stormwater Management Plan and Drainage Study.</u></p> |  | 11/8/18                |                      |
| 5- 1  | Valle De Oro Community Plan | <p><b>Community Character Policy 4.</b> Coordinate public facility capital improvement programs to ensure that all necessary services and facilities are provided in keeping with approved land use patterns and projected growth rates.</p>  |  | 11/8/18                |                      |
| 5- 2  | Valle De Oro Community Plan | <p><b>Community Character Policy 6.</b> Require landscaping, including trees, along all Mobility Element roads.</p>   |  | 11/8/18                |                      |

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| 5- 3     | Valle De Oro Community Plan | <b>Open Space Policy 2.</b> Incorporate public and semi-public owned land unsuitable for intense development into the open space/recreation system.   |   | 11/8/18         |               |
| 5- 4     | Valle De Oro Community Plan | <b>Open Space Policy 4.</b> Limit land uses in areas where natural hazards exist to very low residential densities, agriculture, or recreation.   |   | 11/8/18         |               |
| 5- 5     | Valle De Oro Community Plan | <b>Open Space Policy 5.</b> Utilize open space as a buffer between incompatible land uses.  |   | 11/8/18         |               |
| 5- 6     | Valle De Oro Community Plan | <b>Open Space Policy 7.</b> Require private development projects to provide open space dedications, which coincide or link with established or functional open space corridors, recreation locations, and conservation areas, as identified within this community plan. |   | 11/8/18         |               |
| 5- 7     | Valle De Oro Community Plan | <b>Open Space Policy 9.</b> Encourage the preservation of open space areas in which potential natural hazards exist (flood plains, fault lines, mudslides, etc).  |   | 11/8/18         |               |
| 5- 8     | Valle De Oro Community Plan | <b>Open Space Policy 10.</b> Require the planning and preservation of open space in public and private projects.  |   | 11/8/18         |               |
| 5- 9     | Valle De Oro Community Plan | <b>Open Space Policy 11.</b> Areas to be preserved as natural open space shall be included in open space easements.   |   | 11/8/18         |               |
| 5- 10    | Valle De Oro Community Plan | <b>Community Design Policy 1.</b> Encourage the utilization of local parks as one focus of community activity and the provision of open space between communities.  |   | 11/8/18         |               |
| 5- 11    | Valle De Oro Community Plan | <b>Community Design Policy 2.</b> Mature trees, shrubs, and significant land forms should be conserved in all public and private development projects.  |   | 11/8/18         |               |
| 5- 12    | Valle De Oro Community Plan | <b>Community Design Policy 4.</b> On-site and off-site advertising signs shall be strictly regulated and must complement the aesthetic value and unique character of the community.   |   | 11/8/18         |               |
| 5- 13    | Valle De Oro Community Plan | <b>Community Design Policy 5.</b> Require the provision of adequate, appropriate, off-street parking for all types of vehicles in all new developments.   |   | 11/8/18         |               |
| 5- 14    | Valle De Oro Community Plan | <b>Community Design Policy 8.</b> Require the under grounding of new and existing utility distribution facilities, including fiber-optic or cable lines, within the boundary or abutting street half-width right-of-way of any new subdivision or development.          |   | 11/8/18         |               |

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| 5- 15    | Valle De Oro Community Plan | <b>Rancho San Diego Specific Plan:</b> Continuing development of the Specific Plan area shall be developed under conditions A-E. See Valle De Oro Community Plan.  |   | 11/8/18         |               |
| 5- 16    | Valle De Oro Community Plan | <b>Rancho San Diego Specific Plan - Conservation D.6:</b> Any amendment to the Specific Plan for Rancho San Diego which eliminates or reduces an area designated as open space must include a corresponding increase in open space in the same neighborhood vicinity of the Specific Plan. The additional open space must be of at least equal size and of equal or greater value in protecting the various environmental and community character resources expressed in the Rancho San Diego Specific Plan concept. |   | 11/8/18         |               |
| 5- 17    | Valle De Oro Community Plan | <b>Mobility Policy 4.</b> Require design of all road improvements that maximizes environmental and aesthetic considerations consistent with safety needs.  |   | 11/8/18         |               |
| 5- 18    | Valle De Oro Community Plan | <b>Mobility Policy 5.</b> Where practical, landscaping shall be provided within the right-of-way of major roads and prime arterials.   |   | 11/8/18         |               |
| 5- 19    | Valle De Oro Community Plan | <b>Mobility Policy 6.</b> Require landscaping, including trees, along private property frontage of all Mobility Element roads wherever possible.   |   | 11/8/18         |               |
| 5- 20    | Valle De Oro Community Plan | <b>Mobility Policy 11.</b> Eliminate safety hazards caused by direct access of traffic onto major arterial or collector streets when reviewing projects along such streets.  |   | 11/8/18         |               |
| 5- 21    | Valle De Oro Community Plan | <b>Mobility Policy 14.</b> Encourage the creation of a system of non-motorized recreational trails to connect appropriate recreational facilities and to integrate this system with existing and proposed trails within the San Diego region.  |   | 11/8/18         |               |
| 5- 22    | Valle De Oro Community Plan | <b>Conservation - Water Resources Policy 3.</b> Encourage the strict regulation of the uses of water bodies within the planning area to ensure that such uses are compatible with existing ecosystems.   |   | 11/8/18         |               |
| 5- 23    | Valle De Oro Community Plan | <b>Conservation - Water Resources Policy 6.</b> Provide safe and efficient disposal of urban storm runoff to protect the Sweetwater Reservoir and floodplain areas of the Sweetwater River.  |   | 11/8/18         |               |
| 5- 24    | Valle De Oro Community Plan | <b>Conservation - Water Resources Policy 7.</b> Protect existing groundwater reserves for potential emergency use.   |   | 11/8/18         |               |

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| 5- 25    | Valle De Oro Community Plan | <b>Conservation - Water Resources Policy 9.</b> The quality of groundwater in the Sweetwater River Area shall be monitored and analyzed to ensure that groundwater deposits and flows are not contaminated by commercial, industrial, and agricultural activities.     |   | 11/8/18         |               |
| 5- 26    | Valle De Oro Community Plan | <b>Conservation - Water Resources Policy 12.</b> Control urban runoff in the Sweetwater River basin in order to protect Sweetwater Reservoir and groundwater supplies from contamination.  |   | 11/8/18         |               |
| 5- 27    | Valle De Oro Community Plan | <b>Conservation - Water Resources Policy 13.</b> Only uses compatible with flooding, such as agriculture, parks, recreation, riding and hiking trails, and other open space activities shall be allowed in significant natural drainage areas.                         |   | 11/8/18         |               |
| 5- 28    | Valle De Oro Community Plan | <b>Conservation - Water Resources Policy 14.</b> Include the following significant drainage areas as Resource Conservation Areas and apply the appropriate controls:<br>a. The Sweetwater River Floodplain and identified contiguous high value habitats. (RCA No. 77) |   | 11/8/18         |               |
| 5- 29    | Valle De Oro Community Plan | <b>Conservation - Vegetation and Wildlife Habitats Policy 15.</b> Require retention of native vegetation on significant portions of Specific Plans and Planned Developments over 10 acres in size.   |   | 11/8/18         |               |
| 5- 30    | Valle De Oro Community Plan | <b>Conservation - Vegetation and Wildlife Habitats Policy 16.</b> Require use of native species for landscaping where practical for public projects and private projects.  |   | 11/8/18         |               |
| 5- 31    | Valle De Oro Community Plan | <b>Conservation - Vegetation and Wildlife Habitats Policy 17.</b> Use Land Use Element designations compatible with areas supporting unique vegetation and wildlife habitat resources.   |   | 11/8/18         |               |
| 5- 32    | Valle De Oro Community Plan | <b>Conservation - Vegetation and Wildlife Habitats Policy 18.</b> Conserve unique functional plant and wildlife habitats, particularly those supporting rare, endangered, or threatened or depleted species.   |   | 11/8/18         |               |
| 5- 33    | Valle De Oro Community Plan | <b>Conservation - Vegetation and Wildlife Habitats Policy 21.</b> Protect wildlife refuge areas from noise impacts, outdoor lighting impacts, and pollution impacts from stormwater runoff.  |   | 11/8/18         |               |

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| 5- 34           | Valle De Oro Community Plan | <b>Conservation - Soil and Minerals Policy 22.</b> Require development which is in harmony with existing topography and avoids extensive and severe grading.   |  | 11/8/18                |                      |
| 5- 35           | Valle De Oro Community Plan | <b>Conservation - Soil and Minerals Policy 23.</b> Encourage strict standards to limit soil erosion and identify problem areas.  |  | 11/8/18                |                      |
| 5- 36           | Valle De Oro Community Plan | <b>Conservation - Night Sky Protection Policy 24.</b> All outdoor lighting fixtures shall be shaded on top so that all light will shine downward.  |  | 11/8/18                |                      |
| 5- 37           | Valle De Oro Community Plan | <b>Conservation - Air Quality Policy 28.</b> Encourage the identification and reduction of sources of air pollution affecting Valle de Oro.  |  | 11/8/18                |                      |
| 5- 38           | Valle De Oro Community Plan | <b>Conservation - Air Quality Policy 29.</b> Discourage new sources of air pollution in the Valle de Oro area.   |  | 11/8/18                |                      |
| 5- 39           | Valle De Oro Community Plan | <b>Scenic Highways Policy 1.</b> Support the protection of the scenic highway corridors in Valle de Oro as designated in the County General Plan.  |  | 11/8/18                |                      |
| 5- 40           | Valle De Oro Community Plan | <b>Scenic Highways Policy 2.</b> Scenic highway corridors in Valle de Oro are as follows: SR-94; SR-125 as an existing designated route; Jamacha Road/SR-54 from SR-94 to El Cajon; Fuerte Drive from I-8 to Chase Avenue; Willow Glen Drive, and Avocado Boulevard. |  | 11/8/18                |                      |
| 5- 41           | Valle De Oro Community Plan | <b>Energy Policy Policy 2.</b> Require site and building design which will maximize energy conservation.   |  | 11/8/18                |                      |
| 5- 42           | Valle De Oro Community Plan | <b>Public Safety Policy 6.</b> Encourage the use of natural drainage areas and streambeds as flood control protection, thereby improving groundwater recharging.   |  | 11/8/18                |                      |
| 5- 43           | Valle De Oro Community Plan | <b>Noise Policy 2.</b> Require site design and building design controls to minimize noise emissions from noise sources.  |  | 11/8/18                |                      |
| 5- 44           | Valle De Oro Community Plan | <b>Noise Policy 3.</b> Encourage land use and circulation patterns which will minimize noise in residential neighborhoods and sensitive wildlife habitat.  |  | 11/8/18                |                      |

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| 6- 1  | Rancho San Diego Specific Plan | There are two major components of the Rancho San Diego Specific Plan recreation system including the Cottonwood Golf Course. As identified in the Specific Plan the golf course serves as part of a buffer area and gives a larger setback to sensitive habitat areas. A planning analysis will be required on how the proposed project meets the specific goals and objectives within the Rancho San Diego Specific Plan.   |  | 11/8/18                |                      |
| 6- 2  | Rancho San Diego Specific Plan | <b>Goal: Protect unique plant, wildlife and cultural resources from destruction or incompatible adjacent use.</b>  |  | 11/8/18                |                      |
| 6- 3  | Rancho San Diego Specific Plan | <b>Objective 4.2</b> Preserve the sensitive resources within the RCAs designated on the Valle De Oro Community Plan by regulating appropriate adjacent land uses through the environmental review process.   |  | 11/8/18                |                      |
| 6- 4  | Rancho San Diego Specific Plan | <b>Objective 4.6:</b> Protect riparian habitat used by Least Bell's viero from incompatible adjacent development and identify agencies or organizations which could maintain habitat.  |  | 11/8/18                |                      |
| 6- 5  | Rancho San Diego Specific Plan | <b>Objective 4.7:</b> Identify and protect Black-tailed gnatcatcher nesting areas in a natural condition appropriately buffered from adjacent development.   |  | 11/8/18                |                      |
| 6- 6  | Rancho San Diego Specific Plan | <b>Goal: Maximize leisure-time opportunities with both natural parks and improved recreation facilities which will encourage active lifestyles for residents for all ages.</b>   |  | 11/8/18                |                      |
| 6- 7  | Rancho San Diego Specific Plan | <b>Goal: Open Space areas shall be maintained so as to enhance the overall scenic quality and protect the landform integrity of Rancho San Diego.</b>  |  | 11/8/18                |                      |
| 6- 8  | Rancho San Diego Specific Plan | <b>Objective 7.2:</b> Open space maintenance should be determined at the time of adjacent implementing permit action. Environmentally sensitive areas around and in the Sweetwater River floodplain should be transferred to public or private non-profit ownership. Other open space areas should be the responsibility of community or neighborhood associations. Individual homeowner ownership of open space should be avoided unless no environmental harm from potential encroachment on open space areas is possible. |  | 11/8/18                |                      |

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| 7- 1   | Zoning Ordinance | Zoning for the site is zoned Holding Area (S90), Open Space (S80), and Specific Plan (S88). A Rezone is required to remove and replace the Specific Plan zoning designator.   | Informational Only                            | 11/8/18         |               |
| 7- 2   | Zoning Ordinance | 6708 PERMITTED FENCES, WALLS, GATES AND ENTRY STRUCTURES.<br>No fence, wall, gate or entry structure shall be permitted unless it conforms to the criteria set forth below, except that the Board of Supervisors, the Planning Commission, or the Director, as a condition of approval of a matter under their jurisdiction, may require that a fence, wall or entry structure be constructed to a height greater than otherwise permitted by this section in order to mitigate against potential adverse effects. - Provide additional information on proposed fencing and gate entries. |   | 11/8/18         |               |
| 7- 3   | Zoning Ordinance | Section 6762 of the Zoning Ordinance specifies the required parking required for a Golf Course. Please outline how the project complies with this Section. Because the project will be downsized to a 9-hole golf course, please demonstrate a parking summary that shows the required parking for the golf course.   |   | 11/8/18         |               |
| 7- 4   | Zoning Ordinance | 6780 PARKING REQUIREMENTS: OTHER OCCUPANCIES AND USES<br>Other occupancies, uses and buildings not specified elsewhere in the Parking Schedules.<br>3.3 Parking spaces per KSF GFA<br>Bicycle Parking<br>0.1 Bike space per car space but not less than 3   |   | 11/8/18         |               |
| 7- 5   | Zoning Ordinance | Section 6185.e. Recycling of salvaged concrete, asphalt and rock. Please elaborate if the project is proposing to recycle salvaged concrete, asphalt and rock.  |   | 11/8/18         |               |
| 7- 6   | Zoning Ordinance | 6554 REQUIRED PERMIT.<br>No person shall conduct the activities described in Section 6552 without first obtaining a Major Use Permit as provided by the Use Permit Procedure commencing at Section 7350.  |   | 11/8/18         |               |

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| 7- 7     | Zoning Ordinance | 6556 REQUIRED RECLAMATION PLAN.<br>No application for a Major Use Permit for mineral extraction shall be accepted for filing unless accompanied by an "Application for Reclamation Plan" as provided and described in the County Grading Ordinance. The decision to grant or deny the proposed Reclamation Plan shall be made at the same time as the decision to grant or deny the proposed Major Use Permit for the same project. Pursuant to the granting of the Major Use Permit, the permittee shall comply with all provisions and requirements of the Reclamation Plan in the conduct of mineral extraction activities and in the rehabilitation of the mining site.   |  | 11/8/18         |               |
| 7- 8     | Zoning Ordinance | 2888 SPECIAL PROVISIONS AND LIMITATIONS: S88 USE REGULATIONS.<br>a. Prior to adoption of a Specific Plan, a Major Use Permit may be granted pursuant to the S88 Use Regulations to authorize, for a specified period of time, any use not involving a significant investment in buildings, structures, or other improvements. Alternatively, a Major Use Permit may be granted for any use pursuant to a bonded agreement in an amount sufficient to ensure the removal of all buildings, structures, and other improvements within a specified time and/or under specified conditions when the decision-making body finds that such agreement will carry out the intent of this Ordinance and is enforceable by the County.<br><b>Note: This section of the Zoning Ordinance is applicable to projects that have a Major Use Permit submitted prior to the adoption of a Specific Plan. This Section is not applicable to this project as the Rancho San Diego Specific Plan has</b> |  | 11/8/18         |               |

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| 8- 1  | Board Policies      | The following County Board of Supervisors Land Use Policies apply to this project: I-17 (Right-of-Way Dedication and Public Improvement Requirements in Connection with Zone reclassifications), I-18 (Right-of-Way Dedication and Public Improvement Requirements in Connection with Major and Minor Use Permits), I-68 (Proposed Projects in Flood Plains with Defined Floodways), | Informational Only                                       | 11/8/18                |                      |
| 9- 1  | Applications        | Please submit a Major Use Permit.  |  | 11/8/18                |                      |
| 9- 2  | Applications        | Please submit a Reclamation Plan   |  | 11/8/18                |                      |
| 9- 3  | Applications        | Please submit a Certificate of Compliance. In order to comply with the Subdivision Ordinance and Zoning Ordinance, the applicant must complete a Certificate of Compliance to merge the project parcels together.  |  | 11/8/18                |                      |
| 10- 1   | Plot Plan           | Please provide a plot plan with the minimum plot plan requirements as specified in Form PDS-090. <a href="http://www.sandiegocounty.gov/content/dam/sdc/pds/docs/pds090.pdf">http://www.sandiegocounty.gov/content/dam/sdc/pds/docs/pds090.pdf</a> Additional details are required for staff's review. Pending resubmittal of a Plot Plan additional comments may be required.       |  | 11/8/18                |                      |
| 10- 2   | Plot Plan           | Provide a Plot Plan which separate sheets that identify what is proposed and what is being removed during each of the phases. Delineate which structures are existing, proposed and propose to be demolished. Identify parking areas associated with the golf course and the mining operations.  |  | 11/8/18                |                      |
| 10- 3   |                     | Include a Typical Plant Detail to show all structures including truck scales, parking area(s), equipment storage area(s), etc.   |  | 11/8/18                |                      |
| 10- 4   | Plot Plan           | As part of the plot plan package, please include elevations of all structures (including Fencing, gate access) and building elevations to show lighting, color, building materials, accessory equipment.   |  | 11/8/18                |                      |
| 10- 5   | Plot Plan           | Provide building coverage/square footage/acres/footprint table outlining the proposed components (Including temporary access roads, size of equipment, buildings, storage containers, portable resrooms. temporary staging, parking and laydown area)  |  | 11/8/18                |                      |

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| 10- 6    | Plot Plan    | Please include all existing and proposed structures (Existing wells) on plot plan. Identify which ones will be used by the proposed project.   |  | 11/8/18         |               |
| 10- 7    | Plot Plan    | Identify location and acres/square feet of temporary staging/storage areas for equipment and trucks during construction.   |  | 11/8/18         |               |
| 10- 8    | Plot Plan    | Identify proposed temporary access roads. Will these temporary access roads be included as part of the revegetation plan? Show location, areas of disturbance, and access points.  |  | 11/8/18         |               |
| 10- 9    | Plot Plan    | Proposed slopes along the channel of Sweetwater River are shown at 2.5 to 1. These slopes may be too steep and could pose a public safety hazard. Please justify these proposed slope angles with additional geotechnical information.   |  | 11/8/18         |               |
| 10- 10   | Plot Plan    | Please provide all existing easements.   |  | 11/8/18         |               |
| 10- 11   | Plot Plan    | Please delineate all setbacks on Plot Plan.  |  | 11/8/18         |               |
| 10- 12   | Plot Plan    | Update Plot Plan with a Best Management Practices (BMP) sheet.   |  | 11/8/18         |               |
| 10- 13   | Plot Plan    | Provide a detail and cross section of the proposes access roads.   |  | 11/8/18         |               |
| 10- 14   | Plot Plan    | Update Plot Plan to include locations of proposed fencing.<br>Note: Parking Area: All parking areas of 5 or more parking spaces, (and driveways serving such parking areas) located on parcels abutting property in any residential zone shall be separated from such abutting property by a solid fence or wall 72 inches in height. Provide detail on parking area and proposed fencing. |  | 11/8/18         |               |
| 10- 15   | Plot Plan    | Provide a sheet showing a close-up of the proposed storage facility and associated equipment.  |  | 11/8/18         |               |
| 10- 16   | Plot Plan    | Provide specifications and details of the proposed batteries.  |  | 11/8/18         |               |
| 10- 17   | Plot Plan    | Gate Entry - it is not clear where the proposed gate is being located. Please update to include.   |  | 11/8/18         |               |
| 10- 18   | Plot Plan    | Update plot plan package to include proposed staging areas. Outline size of staging area(s).   |  | 11/8/18         |               |

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| 10-19   | Plot Plan           | Include the total MUP/RP boundary acreage, the total acreage of the excavation pit, the total acreage of each phase to be mined, and the total acreage of each of the pits to be filled east of the main mining pit.  |  | 11/8/18                |                      |
| 10-20   | Plot Plan           | Provide a Revegetation Plan: It needs to show where the various plant palletes are going to be to be planted. Please include total number of acres of each plant pallette by phase. Also include individual planting plan for any container plants and include performance standards pursuant to SMARA for each plant pallette to be used |  | 11/8/18                |                      |
| 10-21   | Plot Plan           | Final plan will be required to be signed and stamped by R.C.E.  |  | 11/8/18                |                      |
| 10-22   | Plot Plan           | Include specifications for access roads that that meet PDS Land Development and fire requirements. Current plan has no details.   |  | 11/8/18                |                      |
| 10-23   | Plot Plan           | Include the community plan area on the front sheet.   |  | 11/8/18                |                      |
| 10-24   | Plot Plan           | Include Zoning and General Plan designations on front sheet.  |  | 11/8/18                |                      |
| 10-25   | Plot Plan           | Clarify how the Haul Roads will function through each of the four phases. Include haul road plan as project progresses through each of the phases.  |  | 11/8/18                |                      |
| 10-26   | Plot Plan           | The plans must show the 100-year floodplain and 100-year floodway on all sheets.  |  | 11/8/18                |                      |
| 10-27   | Plot Plan           | It there any electrical utilities that are within the proposed excavation footprint. All utilities that will require re-routing require plans on how re-routing will occur.   |  | 11/8/18                |                      |
| 10-28   | Plot Plan           | Plot plan should indicate all existing power poles to be removed/relocated out of mining area prior to the start of mining operations.  |  | 11/8/18                |                      |
| 10-29   | Plot Plan           | Include proposed fencing around the mining area and along proposed trail easements. Please provide fencing location and detail on the plans.  |  | 11/8/18                |                      |
| 10-30   | Plot Plan           | Plot Plan must show all areas proposed for stockpiling topsoil and wash fines during each phase of the mining operation. Indicate area and height of stockpiles.  |  | 11/8/18                |                      |
| 10-31   | Plot Plan           | Update Vicinity Map on Sheet 1 to state Willow Glen Drive.  |  | 11/8/18                |                      |
| 11-1  | Reclamation Plan    | Please provide a Reclamation Plan. Pending submittal additional comments may be required.   |  | 11/8/18                |                      |

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| 12- 0    | Revegetation Plan/Conceptual Landscape Plan | Please provide a Revegetation Plan/Conceptual Landscape Plan will be required. Additional Comments will be forwarded once received.  |   | 11/8/18         |               |
| 12- 1    | Landscape                                   | Page 1, second paragraph - clarify between open space and pad development, and if the areas being mined within the Sweetwater River channel/floodplain will require mitigation planting as part of the major use permit or as required by the Agencies. If this has been identified, then please provide distinction between the acreages associated with mitigation planting (Revegetation Plan) and acreages associated with slope planting and vegetated storm water basins (Landscape Plan) that would be established as part of the grading plans for the reclamation plan. Coordinate with Sections 4.2 of the Project Description dated March 2018. |   | 11/8/18         |               |
| 12- 2    | Landscape                                   | Page 1, sixth paragraph - make revisions to this paragraph based on response to comment 1 above.   |   | 11/8/18         |               |
| 12- 3    | Landscape                                   | Page 1, seventh paragraph - discuss what will be included within the 50' setback from Willow Glen Dr. Will it included enhanced native vegetation screening?   |   | 11/8/18         |               |
| 12- 4    | Landscape                                   | Figure 1-1.2 - show location of Hester's Quarry, show outline of Ivanhoe Golf Course and the Lakes Course, and show location of 50' setback along Willow Glen Dr.  |   | 11/8/18         |               |
| 12- 5    | Landscape                                   | Page 4, fifth paragraph, second sentence - for clarification, planting slopes as part of erosion control would be provided through a Landscape Documentation Package in conjunction with a Grading Plan for the Reclamation Plan. Does the <i>'planted graded areas become available for revegetation'</i> mean that these areas will this be monitored and included as part of the Revegetation Plan, or will it be part of a landscape plan and be inspected, not monitored?   |   | 11/8/18         |               |
| 12- 6    | Landscape                                   | Consider providing definitions of what Reclamation and Revegetation mean as it relates to SMARA and the County can better identify what type of Plan would be required for approval. At this time, it is appearing that a Revegetation Plan would be required for the river channel/floodplain, a Landscape Documentation Package would be required for slope planting and storm water basins, and a seperate Landscape Documentation Package would be required to address project screening and maintenance.  |   | 11/8/18         |               |

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| 12- 7    | Landscape    | Page 4 - last paragraph - due to the high visibility of the proposed site from surrounding properties, additional planting of container stock associated with erosion control planting on slopes and screening of the site would be required in addition to erosion control see mix. Please review and make revisions to address long-term screening of the pads from surrounding public roads. |   | 11/8/18         |               |
| 12- 8    | Landscape    | Consider digging up, boxing, and eventually transplanting existing specimens of trees that could be utilized in the future for screening and maintaining the community character with proposed pad development. This can be discussed in the last paragraph on page 4 and within Vegetation on page 13.   |   | 11/8/18         |               |
| 12- 9    | Landscape    | Page 6 - last paragraph under 2.2 - identify the source of water for the project, including irrigation for berms, screening, slope planting, storm water basins, and mitigation planting.   |   | 11/8/18         |               |
| 12- 10   | Landscape    | Section , page 7, third paragraph - clarify areas being considered as mitigation planting (Revegetation Plan) and areas being considered Reclamation (Landscape Plan). Please be  |   | 11/8/18         |               |
| 12- 11   | Landscape    | Section 3.4, page 10, third paragraph - this will be addressed during review of a Conceptual Landscape Plan to be submitted during review of the Major Use Permit.  |   | 11/8/18         |               |
| 12- 12   | Landscape    | A Conceptual Landscape Plan will be required during review of the projects' Major Use Permit application. This Plan will help define areas to be addressed as part of Landscape Plan, or a Revegetation Plan. The Plan will also identify maintenance responsibilities.   |   | 11/8/18         |               |
| 12- 13   | Landscape    | In anticipation of the Potential Conveyor Access and Loadout route identified on Figure 3-4.2, please acknowledge within the Project Description that a Revegetation Plan would potentially be required as mitigation for disturbance to native vegetation if this route is accepted.   |   | 11/8/18         |               |
| 12- 14   | Landscape    | Page 13 - show locations and provide dimensions of Operational Setbacks. Identify what plans these would be shown on.   |   | 11/8/18         |               |
| 12- 15   | Landscape    | Page 13 - Vegetation - show locations of mature riparian woodland that wont be disturbed. Identify opportunities for transplanting existing vegetation for future use with screening and maintaining a linkage with the community character.  |   | 11/8/18         |               |

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| <b>Planning &amp; Development Services Planning and CEQA Comments</b> |                     |  |  |                        |                      |
| <b>Item No.</b>   | <b>Subject Area</b> | <b>Issue, Revision or Information Required</b>   | <b>Issue Resolution Summary<br/>(Include Conditions)</b> | <b>Date Identified</b> | <b>Date Resolved</b> |
| 12-16   | Landscape           | Page 13 - Vegetation - show locations and dimensions of existing vegetation to remain along Willow Glen Dr. and identify who will be responsible for maintaining vegetation during the life of the permit, and will maintenance include replacement of dead, dying, or diseased vegetation?  |  | 11/8/18                |                      |
| 12-17   | Landscape           | Page 13 - Topsoil - identify areas suitable for soil salvaging such as areas along the river channel that could be utilized as a native seed bank.   |  | 11/8/18                |                      |
| 12-18   | Landscape           | Page 14, Mine Phase, second paragraph - how tall and wide will the proposed 'earthen berms' be? Reference any Figure's/Maps that show this information, or identify what future plan submittals will provide this information.   |  | 11/8/18                |                      |
| 12-19   | Landscape           | Page 19, second paragraph - if a groundwater study is required of this project, water budget calculations and estimates will be required for all landscape planting associated with screening, erosion control, storm water treatments, and potentially for the revegetation areas.          |  | 11/8/18                |                      |
| 12-20   | Landscape           | Page 20 - the Conceptual Landscape Plan will be required to show the location of all proposed fencing, material type and heights, and screening if determined necessary.   |  | 11/8/18                |                      |
| 12-21   | Landscape           | Section 4.2, last sentence - coordinate Table #'s with those shown on page 23.   |  | 11/8/18                |                      |
| 12-22   | Landscape           | Page 23 - clarify if Table's A and B are supposed to be showing seed mixes for these habitats or if container stock shown is correct.  |  | 11/8/18                |                      |
| 12-23   | Landscape           | Page 24, first paragraph - provide list of trees and proposed container sizes.   |  | 11/8/18                |                      |
| 12-24   | Landscape           | Section 4.3 - all maintenance and monitoring associated with a revegetation plan (mitigation) shall be a minimum of five years. Please review and make necessary adjustments.  |  | 11/8/18                |                      |
| 12-25   | Landscape           | Section 4.5, first sentence - change Table No. 8 to 7.   |  | 11/8/18                |                      |
| 12-26   | Landscape           | Section 4.5 - provide discussion about weed control in areas adjacent to the project site that would be negatively influenced by invasive species such as earthen berms, operational setback areas, or areas of existing vegetation that will remain as open space or be used for screening. |  | 11/8/18                |                      |

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| 13- 1   | Evidence of Legal Lot                   | The project site has legal parcels per C/C 90-0204, Parcel F and B/C 92-0038, Parcel A.   |  | 11/8/18                |                      |
| 14- 1   | Visual Resources                        | A Visual Resources Study is required. See Attachment D For Scoping Requirements.  |  | 11/8/18                |                      |
| 15- 1   | Agricultural Resources                  | An Agricultural Analysis is required. See Attachment E Scoping Requirements.  |  | 11/8/18                |                      |
| 16- 1   | Air Quality                             | An Air Quality Analysis/Report is required. Please Attachment F for Scoping Requirements.   |  | 11/8/18                |                      |
| 17- 1   | Biological Resources                    | A Biological Resources Report is required. Please see Attachment G For Scoping Requirements.  |  | 11/8/18                |                      |
| 18- 1   | Cultural Resources                      | A Cultural Resources Report is required. Please see Attachment H For Scoping Requirements.  |  | 11/8/18                |                      |
| 19- 1   | Paleontological Resources               | Please see Attachment I for Paleontological Resource Requirements.  |  | 11/8/18                |                      |
| 20- 1   | Geologic Hazards                        | A Geologic Investigation Report is required. Please see Attachment J For Scoping Requirements   |  | 11/8/18                |                      |
| 21- 1   | Climate Change/Green House Gas Analysis | A Climate Change/Green House Gas Analysis is required. Please see Attachment P for Scoping Requirements   |  | 11/8/18                |                      |
| 22- 1   | Flood Analysis                          | Once a Drainage and Flood Analysis has been submitted. This will be routed to DPW for their review.   |  | 11/8/18                |                      |
| 23- 1   | Hazards                                 | See Attachment K for Hazardous Materials/Storage Onsite.  |  | 11/8/18                |                      |
| 24- 1   | Fire                                    | <ul style="list-style-type: none"> <li>• There are no County General Plan travel time or dead-end road length issues for the project.</li> <li>• This property is in a moderate fire hazard severity zone and shall require a Fire Protection Plan.</li> <li>• We highly recommend that the San Miguel FPD be requested to review and provide comment.</li> </ul> |  | 11/8/18                |                      |

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| <b>Planning &amp; Development Services Planning and CEQA Comments</b> |                           |  |  |                        |                      |
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| 25- 1   | Groundwater Resources     | Additional Water Demand Information is required. Please see Attachment <b>M</b> for Scoping Requirements.  |  | 11/8/18                |                      |
| 26- 1   | Mineral Resources         | A Mineral Resources report is required. Please see Attachment <b>N</b> for Scoping Requirements.   |  | 11/8/18                |                      |
| 27- 1   | Noise                     | A Noise Study is required. Please see Attachment <b>O</b> for Scoping Requirements.  |  | 11/8/18                |                      |
| 28- 1   | Resource Protection Study | Please provide a Resource Protection Study.  |  | 11/8/18                |                      |
| 29- 1   | Trails                    | <p>The site has alignment of Community Trails Master Plan (CTMP) trails; Sweetwater Loop and River Trails (Regional Trail) and connections from existing trail easements. The project description also mentions recreational trails as a post mining land use. These trails need further development in coordination with the mining and reclamation plans and proposals. Coordination of the precise alignment between the County and applicant is important to avoid trail easement impacts of on-site project features and sensitive resources such as steep slopes, biology and cultural resources.</p> <p>If any part of a trail corridor, as that term is defined in the CTMP, appendix H, is located on the property under permit, the project shall prepare a trail route study to determine the specific locations of the trail or pathway within the corridor and the type of trail or pathway to be constructed. The route study shall apply the trail design and location criteria and the design and construction guidelines in the CTMP.</p> |  | 11/8/18                |                      |

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| <b>Planning &amp; Development Services Planning and CEQA Comments</b> |   |                             |  |  |                        |                      |
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| 30-   | 1 | Memorandum of Understanding | Please submit Memorandums of Understanding for <ul style="list-style-type: none"> <li>• Agricultural Resources</li> <li>• Air Quality</li> <li>• Archaeological Resources</li> <li>• Biological Resources</li> <li>• Groundwater</li> <li>• EIR Preparer</li> <li>• Fire Protection Planning</li> <li>• Historic Resources</li> <li>• Land Use Planning</li> <li>• Mineral Resources</li> <li>• Noise</li> <li>• Revegetation Planning</li> <li>• Transportation &amp; Traffic</li> <li>• Visual Analysis</li> </ul> |  | 11/8/18                |                      |

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| COTTONWOOD SAND MINE                                       |                             | PDS2018-MPA-18-004   |  |                 |               |
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| Planning & Development Services Planning and CEQA Comments |                             |  |  |                 |               |
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| Land Development Comments                                  |                             |  |  |                 |               |
| Item No.   | Subject Area                | Issue, Revision or Information Required  | Issue Resolution Summary<br>(Include Conditions) | Date Identified | Date Resolved |
| 35- 1  | Watercourse                 | <p>The subject parcel contains a waterway. The applicant must put the following note on the reclamation plans:</p> <p>NOTICE: The subject property contains wetlands, a lake, a stream, and/or waters of the U.S. and/or State which may be subject to regulation by State and/or federal agencies, including, but not limited to, the Regional Water Quality Control Board, U.S. Army Corps of Engineers and the California Department of Fish and Wildlife. It is the applicant's responsibility to consult with each agency to determine if a permit, agreement or other approval is required and to obtain all necessary permits, agreements or approvals before commencing any activity which could impact the wetlands, lake, stream, and/or waters of the U.S. on the subject property. The agency contact information is provided below.</p> <p>U.S. Army Corps of Engineers: 915 Wilshire Blvd., Suite 1101, Los Angeles, CA 90017; (213) 452-3333; <a href="http://www.usace.army.mil/">http://www.usace.army.mil/</a><br/>                     Regional Water Quality Control Board: 2375 Northside Drive, Suite 100, San Diego, CA 92108; <a href="mailto:RB9_DredgeFill@waterboards.ca.gov">RB9_DredgeFill@waterboards.ca.gov</a> ; <a href="http://www.waterboards.ca.gov/sandiego/">http://www.waterboards.ca.gov/sandiego/</a><br/>                     California Department of Fish and Wildlife: 3883 Ruffin Rd., San Diego, CA 92123; (858) 636-3160; <a href="mailto:AskR5@wildlife.ca.gov">AskR5@wildlife.ca.gov</a> <a href="http://www.dfg.ca.gov/">http://www.dfg.ca.gov/</a></p> |  | 11/8/18         |               |
| 36- 1  | General                     | The project submittal appears to be conceptual in nature. A more thorough review is anticipated with a more detailed plan submittal. Project Draft Conditions will be prepared with the more detailed project submittal.   |  | 11/8/18         |               |
| 36- 2  | General Project Description | p. 4 "The first phase will involve installation of access roads..." Please clarify if these roads will be paved or DG?   |  | 11/8/18         |               |

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| <b>Planning &amp; Development Services Planning and CEQA Comments</b> |                             |   |  |                        |                      |
| <b>Item No.</b>   | <b>Subject Area</b>         | <b>Issue, Revision or Information Required</b>  | <b>Issue Resolution Summary<br/>(Include Conditions)</b> | <b>Date Identified</b> | <b>Date Resolved</b> |
| 36- 3   | General Project Description | p. 4 "The second option is to slurry raw materials along the Willow Glen Drive right-of-way..." Please note that any work within the public ROW will require ROW Encroachment/Construction permits and Encroachment Maintenance and Removal Agreements at the discretion of the Dept of Public Works (DPW). It is highly unlikely that DPW would approve a temporary private slurry conveyance within the public ROW. |  | 11/8/18                |                      |
| 36- 4   | General Project Description | Project proposes a private slurry distribution line within the Public Right-of-Way it will be up to the discretion of DPW Traffic whether or not this would be allowed. The proposed line if approved would be subject to ROW encroachment permits, and Encroachment Maintenance and Removal Agreements (EMRAs). There are no guarantees that DPW would approve such a system.  |  | 11/8/18                |                      |
| 36- 5   | General Project Description | On p. 13 Mining Operations states that the "mineral extraction will occur over an approx. 250-Acre area..." p. 16 Table 2 Mine Phase Areas lists a Total Area affected by Mining Operations as 230 Acres. Please clarify.   |  | 11/8/18                |                      |
| 37- 1   | Reclamation Plan            | Show location of any proposed LID features, post-construction BMPs, drainage devices, stormwater protection facilities, walls, cribbing, dams, or other protective devices to be constructed in connection with the proposed work.  |  | 11/8/18                |                      |
| 37- 2   | Reclamation Plan            | Please provide drainage terraces for all the cut and fill slopes that exceeding forty feet (40') in vertical height to comply with section 87.402 of the Grading Ordinance, and SD County Design Standard Drawing DS-10. Alternatively, a geotechnical engineer can provide a recommendation for the slopes.  |  | 11/8/18                |                      |
| 37- 3   | Reclamation Plan            | Please clearly show the haul routes onsite. Please consider how vehicles will move around the site after excavation has commenced.  |  | 11/8/18                |                      |
| 37- 4   | Reclamation Plan            | Please clearly show the haul routes offsite. Project is proposing to utilize offsite Public Roads including but not limited to Willow Glen Road, Steele Canyon Road, Jamacha Road, State Route (SR) 54 and SR 94. Project may be conditioned to repair public roads at the discretion of DPW. The project may require a Road  |  | 11/8/18                |                      |

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| Planning & Development Services Planning and CEQA Comments |                     |  |   |                 |               |
| Item No.   | Subject Area        | Issue, Revision or Information Required  | Issue Resolution Summary (Include Conditions) | Date Identified | Date Resolved |
| 38- 1  | CEQA Drainage Study | Based on the amount of impervious surfaces that are being created, the project is required to prepare and submit a CEQA Drainage Study in compliance with the documents shown below.<br><br>The CEQA Drainage study shall be prepared in compliance with the documents shown below.<br><br>San Diego County Hydrology Manual:<br><a href="http://www.sandiegocounty.gov/content/sdc/dpw/flood/hydrology_manual.html">http://www.sandiegocounty.gov/content/sdc/dpw/flood/hydrology_manual.html</a><br>San Diego County Hydraulic Design Manual:<br><a href="http://www.sandiegocounty.gov/content/dam/sdc/dpw/FLOOD_CONTROL/floodcontrolpdf/hydraulic_design_manual_2014.pdf">http://www.sandiegocounty.gov/content/dam/sdc/dpw/FLOOD_CONTROL/floodcontrolpdf/hydraulic_design_manual_2014.pdf</a> |   | 11/8/18         |               |
| 38- 2  | CEQA Drainage Study | For CEQA Drainage study format, please visit a San Diego County Hydrology Manual, Section 1.6, page 1-21 and Figure 1-   |   | 11/8/18         |               |
| 38- 3  | CEQA Drainage Study | Provide DECLARATION OF RESPONSIBLE CHARGE – See San Diego County Hydrology Manual, Figure 1-9.   |   | 11/8/18         |               |
| 38- 4  | CEQA Drainage Study | The final CEQA Drainage report shall be signed, stamped and dated by the responsible California Registered Civil Engineer.   |   | 11/8/18         |               |
| 38- 5  | CEQA Drainage Study | The report should have numbered pages and a corresponding Table of Contents.   |   | 11/8/18         |               |
| 38- 6  | CEQA Drainage Study | In the narrative of the report please provide a summary table of: <b>pre- and post-</b> development H, L, C, Tc, I, A, and Q for each area (or point) where drainage discharges from the project. Peak runoff rates (cfs), velocities (fps) and identification of all erosive velocities (at all points of discharge) calculations for pre-development and post-development. The comparisons should be made about the same discharge points for each drainage basin affecting the site and adjacent properties.  |   | 11/8/18         |               |

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**Planning & Development Services Planning and CEQA Comments**

| Item No. | Subject Area        | Issue, Revision or Information Required   | Issue Resolution Summary (Include Conditions) | Date Identified | Date Resolved |
|----------|---------------------|---|---|-----------------|---------------|
| 38- 7    | CEQA Drainage Study | Conclusion: Please include the follow discussion<br>Discuss whether or not the proposed project would 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? Provide reasons and mitigations proposed. |   | 11/8/18         |               |
| 38- 8    | CEQA Drainage Study | Discuss whether or not the proposed project would substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or  |   | 11/8/18         |               |
| 38- 9    | CEQA Drainage Study | Discuss whether or not the proposed project would create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems? Provide reasons and mitigations proposed.  |   | 11/8/18         |               |
| 38- 10   | CEQA Drainage Study | Discuss whether or not the proposed project would 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, including County Floodplain Maps? Provide reasons and mitigations proposed.   |   | 11/8/18         |               |
| 38- 11   | CEQA Drainage Study | Flood Control- Analysis is required to analyze the pre- and post-conditions of each of the phases of mining, and to demonstrate that there would not be a rise due to work in the floodway at any time during the project.  |   | 11/8/18         |               |
| 38- 12   | CEQA Drainage Study | Flood Control - A Conditional Letter of Map Revision (CLOMR) would be required prior to excavating the site and a Letter of Map Revision (LOMR) would be required prior to final sign-off of site reclamation.  |   | 11/8/18         |               |
| 38- 13   | CEQA Drainage Study | Flood Control- Please contact Anthony Barry (858-694-2707) in Flood Control if you have any questions regarding the scope of analysis regarding calculations necessary for the floodway.  |   | 11/8/18         |               |
| 38- 14   | CEQA Drainage Study | The CEQA Drainage Study needs to be signed and stamped by the Engineer of Record including the Declaration of Responsible Charge.   |   | 11/8/18         |               |
| 39- 1    | Sight Distance      | Provide information to demonstrate that adequate sight distances along Willow Glen Drive from the proposed project access points are achievable per Section 6.1.E, Table 5 of the County Public Road Standards (approved March 2012).   |   | 11/8/18         |               |
| 39- 2    | Sight Distance      | Provide an exhibit to show the available sight distance.  |   | 11/8/18         |               |

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| 39- 3  | Sight Distance         | The sight distance should be based on the design speed of the road or 85th percentile speed, whichever is higher. Provide documentation for speed used.  |   | 11/8/18         |               |
| 40- 1  | Traffic Impact Study   | A Traffic Impact Study will be required. Traffic consultant should coordinate with PDS staff to develop the Traffic Study scope of work. Report should follow the County of San Diego Guidelines for Determining Significance and Report Format Content Requirements, available at the following link:<br><br><a href="http://www.sdcounty.ca.gov/pds/docs/Traffic_Guidelines.pdf">http://www.sdcounty.ca.gov/pds/docs/Traffic_Guidelines.pdf</a>  |   | 11/8/18         |               |
| 40- 2  | Traffic - Public Road  | <b>Willow Glen Drive (SF 1397)</b> between Jamacha Road and Hillsdale Road is classified as a 4.1B Major Road with intermittent turn lanes and Class II Bike Lane. Public Road Standards requires 4x12' lanes (48') + 14' intermittent turn lane + 2x8' shoulders (16') + 10' parkway + 10' bike lanes = 88' paved and 108' ROW width.   |   | 11/8/18         |               |
| 41- 1  | Storm Water Management | The project is subject to the WPO and will require compliance because it is a requirement to have BMPs through the Industrial Storm Water Permit (CAS 000001). The County will inspect the project for compliance under the Industrial Permit as required by the WPO.<br><br>Projects such as this one are covered under the Statewide Industrial Storm Water Permit. A requirement under that permit is for the project to have a Storm Water Pollution Prevention Plan (SWPPP) for its activities including any expansion of the operation.<br><br>A copy of the SWPPP or a copy of the Notice of Intent to prepare a SWPPP should be included with the Reclamation Plan. Please provide this with your revised Reclamation Plan document. |   | 11/8/18         |               |
| 41- 2  | Storm Water Management | Depending on whether or not the project proposes to construct permanent impervious surfaces and or have permanent disturbed areas >1 Acre that generate pollutants post construction the project may be subject to the 2013 Municipal Separate Storm Sewer System (MS4) permit requirements.   |   | 11/8/18         |               |

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**COTTONWOOD SAND MINE PDS2018-MPA-18-004**

**Planning & Development Services Planning and CEQA Comments**

| Item No. | Subject Area  | Issue, Revision or Information Required  | Issue Resolution Summary (Include Conditions) | Date Identified | Date Resolved |
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| 42- 1    | Flood Control | For the next submittal, please include a separate document which responds to each of the comments listed below.  |   | 11/8/18         |               |
| 42- 2    | Flood Control | A full review cannot be performed until the following items are included with the report:<br>a. A full size legible workmap (and PDF digital copy).<br>b. Plans for the proposed work.<br>c. Digital, executable copies of the models.   |   | 11/8/18         |               |
| 42- 3    | Flood Control | The current submittal needs to include details (description, plans, timelines, etc.) of the phases of the project including material storage. For each phase: detailed analyses, comparisons of results, no-rise, etc., will be required to be included for the phase completion configuration, and a demonstration that the no-rise condition will be maintained during each phase. |   | 11/8/18         |               |
| 42- 4    | Flood Control | The project will require a CLOMR prior to grading.   |   | 11/8/18         |               |
| 42- 5    | Flood Control | At the actual completion of each phase, a revised report will be submitted based upon phase end flown topography to ensure that all of the requirements have been satisfied.   |   | 11/8/18         |               |
| 42- 6    | Flood Control | At the completion of the project, a LOMR will be required.   |   | 11/8/18         |               |
| 42- 7    | Flood Control | Additional CLOMR, LOMR submittals may be required as necessary depending on scheduling and any changes to the proposed project.  |   | 11/8/18         |               |
| 42- 8    | Flood Control | The project will require floodway delineation and acceptance by FEMA.  |   | 11/8/18         |               |

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| <b>Item No.</b>   | <b>Subject Area</b> | <b>Issue, Revision or Information Required</b>   | <b>Issue Resolution Summary<br/>(Include Conditions)</b> | <b>Date Identified</b> | <b>Date Resolved</b> |
| 43- 1   | TIA                 | Transportation Staff have reviewed the Due Diligence Report (TIA) prepared by LLG dated June 30, 2017.   | Information Only   | 11/8/18                |                      |
| 43- 2   | TIA                 | The TIA (pg. 5) estimates 100 truck trips, while the project description lists 112 loads a day. The Trip Generation should be verified and consistent with the project description.  |  | 11/8/18                |                      |
| 43- 3   | TIA                 | The TIA (pg. 5) notes credit for the existing golf course. However current project descriptions include some portions of the course remaining open during operations, requiring driveway reconfiguration and a new driveway west of Steele Canyon Road. The TIA should capture these operational elements and provide analysis as necessary. |  | 11/8/18                |                      |
| 43- 4   | TIA                 | The TIA should also account for the other options included in the project description including different locations for processing and shipping materials.   |  | 11/8/18                |                      |
| 43- 5   | TIA                 | The TIA should note that the County TIF program was updated in 2012.   |  | 11/8/18                |                      |
| 43- 6   | TIA                 | The project description also includes Phase and a duration of 12 years and the TIA can consider Phases/Duration in the trip generation and impact analysis as appropriate.   |  | 11/8/18                |                      |
| 43- 7   | TIA                 | Staff will review the next version of the TIA and the Project Description for consistency and impact analysis. Further comments may be warranted based on additional review.   |  | 11/8/18                |                      |
| 44- 1   | Access              | Proposed driveways fronting along a mobility element road per the San Diego County Public Road Standard must have an opening width maximum of 30 feet per San Diego Regional Standard Drawing G-16. If this cannot be achieved then a Design Exception Request (DER) to a public road Standard must be submitted for review.<br>DER Form:    | <b>Comment for information only.</b>                     | 11/8/18                | *****                |
| 44- 2   | Access              | Proposed access roads may require project to be reviewed and commented on by the San Miguel Fire District regarding access and on-site circulation. Project's conditions may be revised upon further review and input from agency.   | <b>Comment for information only.</b>                     | 11/8/18                | *****                |

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| <b>Planning &amp; Development Services Planning and CEQA Comments</b> |                     |  |  |                        |                      |
| <b>Item No.</b>   | <b>Subject Area</b> | <b>Issue, Revision or Information Required</b>   | <b>Issue Resolution Summary<br/>(Include Conditions)</b> | <b>Date Identified</b> | <b>Date Resolved</b> |
| <b>DEH (Department of Environmental Health) Comments</b>              |                     |  |  |                        |                      |
| 51- 1   | DEH                 | The Department of Environmental Health has reviewed the Major Pre-Application for the proposed development of a sand and aggregate extraction operation on the ~280 acres. The project was submitted to PDS on 3/22/18. Potable water is proposed to be provided by Otay Water District. Wastewater generated by the facility is proposed to be collected in portable restrooms and trucked offsite for the duration of the project (10 years). The following items should be noted: |  | 11/8/18                |                      |
| 51- 2   | DEH                 | Any existing septic tanks and/or seepage pits will need to be pumped collapsed and backfilled once the facilities they serve are no longer being used or are demolished  |  | 11/8/18                |                      |
| 51- 3   | DEH                 | Any existing wells on the site will need to be identified and plotted on subsequent plot plan/grading plan submittals. Wells to be destroyed, will require permit and inspection by DEH. Wells to be retained must have their proposed use indicated on future submittals.   |  | 11/8/18                |                      |
| 51- 4   | DEH                 | Any reportable quantities of hazardous materials/wastes to be stored or generated onsite will require permitting by DEH-Hazardous Materials Division.  |  | 11/8/18                |                      |
| 51- 5   | DEH                 | The underground storage tank (UST) that was indicated to be onsite, per DEH1987-LSAM-H20208-001, would need to be shown on any future submittals. The applicant would need to propose the fate of the UST and follow proper protocols, should the UST be proposed for removal/remediation.   |  | 11/8/18                |                      |

**ATTACHMENT B**  
**ESTIMATE OF DISCRETIONARY PROCESSING TIME AND COSTS**

The attached estimate of discretionary processing time and costs is an estimate of the deposits required to process the application through hearing/decision. Several assumptions were required to supply the cost estimate and schedule at this time in the process. If the assumptions listed on the bottom of the attached estimate prove to be incorrect, your cost estimate will be adjusted. Deposits will be requested in installments as funds are needed to continue processing. Be aware that Section 362 of Article XX of the San Diego County Administrative Code, Schedule B, 5 states that:

*The Director of Planning & Development Services may discontinue permit processing and/or recommend denial of the said project based on non-payment of the estimated deposit.*

The initial review of your project indicates that there will be an effect on native biological resources. Therefore, State law requires the payment of a fee to the California Department of Fish and Wildlife for their review of the project environmental document (Fish and Wildlife Code §711.4). If this fee is needed, it will be requested and collected at a later time during the process. Payment of the fee is required regardless of whether or not we consider the effect on native biological resources to be significant or clearly mitigated. The Project Manager will remind you to pay this fee immediately prior to public review of the project environmental document.

Should your application be approved, there will be additional processing costs in the future (e.g., Final Map processing costs, park fees, drainage fees, building permit fees). The above estimate includes only the costs to get your present application(s) to hearing/decision and does not include these additional processing costs.

Compliance Agreement

You are advised to carefully review the Estimate of Discretionary Processing Time and Costs and the attached Compliance Agreement. Should you choose to proceed with the application for a discretionary permit, you must submit the application and pay the required fees by the due date in this letter. Failure to meet the deadlines shown in the Estimate of Discretionary Processing Time and Costs and/or a failure to obtain an extension of time for good cause, will result in enforcement action including but not limited to issuance of administrative citations and higher levels of enforcement.

## ESTIMATE OF DISCRETIONARY PROCESSING TIME AND COSTS

Project Name: COTTONWOOD SAND MINING PROJECT  
 Project Number: PDS2018-MPA-18-004  
 Staff Completing Schedule: BRONWYN BROWN  
 Decision-Making Body: Planning Commission and Board of Supervisors  
 Date Schedule Produced/Revised: 11/8/2018

| TASK/ACTIVITY   | Estimated Duration (Days) | Estimated Completion Date | Actual Completion Date |
|---|---------------------------|---------------------------|------------------------|
| <b>Major Pre-Application Conference</b>   |                           | 3/22/2018                 | 3/22/2018              |
| <b>Application Submittal</b>  | <b>185</b>                | <b>6/22/2018</b>          | <b>11/15/2018</b>      |
| PDS reviews project application "completeness" , completes planning and environmental scoping   | 30                        | 12/17/2018                |                        |
| PDS meets with applicant to discuss scoping letter, cost estimate and schedule  | 10                        | 12/27/2018                |                        |
| <b>Applicant Submits 1st Iteration submittal per scoping letter requirements*</b>   | <b>90</b>                 | <b>3/27/2019</b>          |                        |
| PDS Reviews 1st Iteration Submittal   | 30                        | 4/26/2019                 |                        |
| PDS meets with applicant to discuss 1st iteration submittal*  | 10                        | 5/6/2019                  |                        |
| <b>Applicant Submits 2nd Iteration submittal addressing PDS comments*</b>   | <b>45</b>                 | <b>6/20/2019</b>          |                        |
| PDS Reviews 2nd Iteration Submittal   | 21                        | 7/11/2019                 |                        |
| PDS meets with applicant to resolve final project issues*   | 10                        | 7/22/2019                 |                        |
| PDS finalizes Environmental Initial Study and prepares Application Amendment Form (if applicable)                                       | 21                        | 8/12/2019                 |                        |
| <b>Applicant submits requested information (Application Amendment form, copies of plans, technical studies, etc.)</b>                   | <b>14</b>                 | <b>8/26/2019</b>          |                        |
| PDS completes, advertises and distributes draft Negative Declaration  | 14                        | 9/9/2019                  |                        |
| Public review of draft Negative Declaration   | 45                        | 10/24/2019                |                        |
| PDS Responds to Public Comments (completion date depends on number & complexity of comments, need for technical study revisions, etc.)* | 13                        | 11/6/2019                 |                        |
| PDS Finalizes environmental documentation   | 7                         | 11/13/2019                |                        |
| <b>Applicant submits requested information/deposits</b>   | <b>10</b>                 | <b>11/25/2019</b>         |                        |
| PDS makes staff recommendation on the project & finalizes project documentation   | 30                        | 12/25/2019                |                        |
| Planning Commission Hearing   | 37                        | 1/31/2020                 |                        |
| PDS Prepares Board Letter   | 30                        | 3/2/2020                  |                        |
| Board of Supervisors Hearing  | 30                        | 4/1/2020                  |                        |

### PROJECT SCHEDULE ASSUMPTIONS

Project description remains consistent throughout process  
 Applicant will submit information in accordance with schedule  
 All issues will be resolved concurrently.  
 Bolded tasks are under the control of applicant/consultant.  
 \* Task can be eliminated if earlier draft documents are adequate.  
 Hearing date subject to decision making body availability & schedule  
 The project will not be continued by decision maker or appealed  
 Dates which fall on a holiday have an actual completion date the first business day after such holiday  
 Assumes deposit account balance remains positive. County work may not proceed without adequate funds.  
 Assumes public review comments are not exceptionally numerous or complex

### COST ESTIMATE ASSUMPTIONS

Estimate is based on relative cost of projects of similar complexity  
 Estimate does not include applicant's consultant/engineering costs  
 Does not include County costs for post discretionary review (e.g. final map)  
 Costs assume project schedule assumptions are maintained  
 Costs will be paid at installments throughout the process  
 If project is over budget, cost estimate will be revised  
 The State of CA adjusts Fish and Wildlife Fees annually for inflation  
 Project will rely on a Negative Declaration  
 Cost estimate does not include additional deposits for Trails Review or DEH that may be required

### COST ESTIMATE SUMMARY

|  |           |
|--|-----------|
| Total Discretionary Cost Estimate      | \$753,239 |
| Deposits Paid to Date                  | \$0       |
| Account Balance                        | \$10,428  |
| Estimated County Costs Remaining       | \$753,239 |
| Fish & Wildlife Fees/ County Clerk Fee | \$2,266   |
| % Expended of Total Cost Estimate      | -1.38%    |

## ESTIMATE OF DISCRETIONARY PROCESSING TIME AND COSTS

Project Name: COTTONWOOD SAND MINING PROJECT  
 Project Number: PDS2018-MPA-18-004  
 Staff Completing Schedule: BRONWYN BROWN  
 Decision-Making Body: Planning Commission and Board of Supervisors  
 Date Schedule Produced/Revised: 11/8/2018

| TASK/ACTIVITY   | Estimated Duration (Days) | Estimated Completion Date | Actual Completion Date |
|---|---------------------------|---------------------------|------------------------|
| <b>APPLICATION SUBMITTAL</b>  |                           |                           | <b>8/10/2018</b>       |
| <b>DETERMINATION THAT AN EIR IS REQUIRED</b>  |                           |                           | <b>11/8/2018</b>       |
| PDS reviews project application "completeness", completes planning and environmental scoping  | 30                        | 12/10/2018                |                        |
| PDS meets with applicant to discuss need for EIR, scope and schedule  | 14                        | 12/24/2018                |                        |
| <b>Applicant submits documents for Public Review of Notice of Preparation (NOP)</b>   | <b>7</b>                  | <b>12/31/2018</b>         |                        |
| <i>PDS completes advertises and distributes NOP</i>   | 10                        | 1/10/2019                 |                        |
| <i>Public review of NOP</i>   | 30                        | 2/11/2019                 |                        |
| <i>PDS receives and distributes public comments on NOP to Applicant (180 period for resubmittal of DEIR begins here)</i>                    | 3                         | 2/14/2019                 |                        |
| <i>PDS meets with applicant to discuss EIR scope, cost estimate and schedule</i>  | 10                        | 2/25/2019                 |                        |
| <b>Applicant submits 1st Draft EIR and Planning Documentation</b>   | <b>120</b>                | <b>6/14/2019</b>          |                        |
| <i>PDS reviews 1st Draft EIR</i>  | 45                        | 7/29/2019                 |                        |
| <i>Meeting with applicant</i>   | 7                         | 8/5/2019                  |                        |
| <b>Applicant submits 2nd Draft EIR and Planning Documentation*</b>  | <b>45</b>                 | <b>9/12/2019</b>          |                        |
| <i>PDS reviews 2nd Draft EIR*</i>   | 30                        | 10/14/2019                |                        |
| <i>Meeting with applicant</i>   | 7                         | 10/21/2019                |                        |
| <b>Applicant submits 3rd Draft EIR and Planning Documentation*</b>  | <b>30</b>                 | <b>11/13/2019</b>         |                        |
| <i>PDS reviews 3rd Draft EIR*</i>   | 30                        | 12/13/2019                |                        |
| <i>Meeting with applicant</i>   | 7                         | 12/20/2019                |                        |
| <b>Applicant produces copies of documents, submits DEIR and copies of documents</b>   | <b>10</b>                 | <b>12/23/2019</b>         |                        |
| <i>PDS completes distribution paperwork, advertises and distributes Draft EIR</i>   | 14                        | 1/6/2020                  |                        |
| <i>Public Review of Draft EIR</i>   | 45                        | 2/20/2020                 |                        |
| <i>PDS transmits Public Comments to Applicant</i>   | 3                         | 2/24/2020                 |                        |
| <i>PDS holds meeting with applicant to discuss approach to address public comments, discuss project schedule</i>                            | 10                        | 3/2/2020                  |                        |
| <b>Applicant submits 1st Draft Responses to Public Comment (RTC) and EIR Errata</b>   | <b>30</b>                 | <b>4/1/2020</b>           |                        |
| <i>PDS reviews 1st Draft Responses to Public Comments and EIR Errata</i>  | 25                        | 4/27/2020                 |                        |
| <b>Applicant submits 2nd Draft RTC and EIR Errata*</b>  | <b>21</b>                 | <b>5/18/2020</b>          |                        |
| <i>PDS reviews 2nd draft RTC &amp; EIR Errata, meets with applicant / consultant to finalize responses for I-119 review*</i>                | 20                        | 6/8/2020                  |                        |
| <b>Applicant submits Draft RTC &amp; EIR Errata for I-119 review &amp; 1st draft EIR Findings for staff review</b>                          | <b>5</b>                  | <b>6/15/2020</b>          |                        |
| <i>Board Policy I-119 Review of Responses to Comments and DEIR</i>  | 40                        | 7/27/2020                 |                        |
| <i>PDS reviews I-119 comments, meets with Counsel, transmit comments to applicant, set meeting with applicant</i>                           | 7                         | 8/3/2020                  |                        |
| <b>Applicant submits revised RTC, EIR Errata, and EIR Findings, meets with PDS to review changes</b>  | <b>14</b>                 | <b>8/17/2020</b>          |                        |
| <i>PDS reviews RTC, EIR Errata &amp; Findings and sends to Counsel for review OR meet with Counsel if 2nd I-119 review not necessary</i>    | 14                        | 8/31/2020                 |                        |
| <i>Second Board Policy I-119 Review of RTC, EIR Errata and Findings*</i>  | 30                        | 9/16/2020                 |                        |
| <i>PDS Finalize RTC, EIR Errata, and Findings. Meeting with applicant / consultant*</i>   | 10                        | 9/28/2020                 |                        |
| <b>Applicant makes final revisions, produces copies of FEIR, CEQA Findings and RTCs and pays Fish and Wildlife Fees</b>                     | <b>7</b>                  | <b>10/5/2020</b>          |                        |
| <i>PDS attends Director briefing to make project recommendation</i>   | 7                         | 10/12/2020                |                        |
| <i>PDS finalizes project resolution/decision, completes findings, conditions, draft staff report and begins preparation of Board Letter</i> | 30                        | 10/28/2020                |                        |
| <i>PDS management and County Counsel review staff report, obtain concurrences from other Departments</i>                                    | 14                        | 11/11/2020                |                        |
| <i>PDS finalizes legal advertisement for hearing, newspaper advertises Planning Commission Hearing</i>                                      | 10                        | 11/23/2020                |                        |
| <i>Planning Commission Hearing</i>  | 14                        | 12/7/2020                 |                        |
| <i>PDS Finalizes draft Board Letter, include Planning Commission Recommendation</i>   | 7                         | 12/14/2020                |                        |
| <i>PDS management and County Counsel review Board Letter, obtain concurrences from other Departments</i>                                    | 10                        | 12/24/2020                |                        |
| <i>PDS finalizes legal advertisement for hearing, Board Hearing advertised in newspaper</i>   | 7                         | 12/31/2020                |                        |
| <i>Board of Supervisors Hearing</i>   | 18                        | 1/18/2021                 |                        |

### PROJECT SCHEDULE ASSUMPTIONS

Project description remains consistent throughout process  
 Applicant will submit information in accordance with schedule  
 All issues will be resolved concurrently.  
 Bolded tasks are under the control of applicant/consultant.  
 \* Task can be eliminated if earlier draft documents are adequate.  
 Hearing date is subject to decision making body availability and schedule  
 The project will not be continued by decision maker or appealed  
 Assumes public review comments are not exceptionally numerous or complex  
 Assumes deposit account balance remains positive. County work may not proceed without adequate funds.  
 Dates which fall on a holiday have an actual completion date the first business day after such holiday.  
 Schedule does not include negotiations with the Wildlife Agencies. An amendment would also involve Federal Register Notice and an environmental document that addresses both state and federal environmental requirements (CEQA and NEPA) as well as Wildlife Agency concurrence. Please also note that these permit processes can take years to complete and could result in significant delays in the processing of the project.

### COST ESTIMATE ASSUMPTIONS

Estimate is based on relative cost of projects of similar complexity  
 Estimate does not include applicant's consultant/engineering costs  
 Does not include County costs for post discretionary review (e.g. final map)  
 Costs assume project schedule assumptions are maintained  
 Costs will be paid at installments throughout the process  
 If project is over budget, cost estimate will be revised  
 The State of CA adjusts Fish and Wildlife Fees annually for inflation  
 Project will be processed with an Environmental Impact Report  
 Cost estimate does not include additional deposits for Trails Review or DEH that may be required

### COST ESTIMATE SUMMARY

|  |                  |
|--|------------------|
| Total Discretionary Cost Estimate      | <b>\$950,550</b> |
| Deposits Paid to Date                  | \$5,000          |
| Account Balance                        | \$19,466         |
| Estimated County Costs Remaining       | \$945,550        |
| Fish & Wildlife Fees/ County Clerk Fee | \$3,128          |
| % Expended of Total Cost Estimate      | -1.52%           |

**ATTACHMENT C**  
**MEMORANDUMS OF UNDERSTANDING**

**CONSULTANT LIST & MEMORANDUM OF UNDERSTANDING (MOU)**

The County of San Diego's CEQA guidelines require that environmental technical studies be prepared by a consultant from the County's CEQA Consultant List, which can be found on the County of San Diego's website at: <http://www.co.san-diego.ca.us/PDS/procguid.html> (item number 4 under "General Guidance"). No list is maintained for hydrology and stormwater management planning. With the exception of minor stormwater management plans, only registered engineers registered in the State of California shall be permitted to submit hydrology/drainage studies and only registered engineers or Certified Professionals in Storm Water Quality certified by CPESC, Inc., or an equivalent entity approved by the Director of Public Works, shall be permitted to submit stormwater management plans.

Applicants are responsible for selecting and direct contracting with specific consultants from the County's list to prepare CEQA documents for private projects. Prior to the first submittal of a CEQA document prepared by a listed consultant for a private project, the applicant, consultant, consultant's firm (if applicable) and County shall execute the attached Memorandum(s) of Understanding (MOU). The responsibilities of all parties involved in the preparation of environmental documents for the County (i.e. applicant, individual CEQA consultants/sub-consultants, consulting/sub-consultant firms, and County) are clearly established in the MOU for each requested applicable study. The clear identification of roles and responsibilities for all parties is intended to contribute to improved environmental document quality. The MOU can be found at: <http://www.sdcounty.ca.gov/luegdocs/Templates/Boilerplate%20Templates/MOU.doc>.

Copies must be made and signed by the applicant, consultant and firm (if applicable) for each of the following requested subject area technical studies:

- Agricultural Resources
- Air Quality
- Archaeological Resources
- Biological Resources
- Groundwater
- EIR Preparer
- Fire Protection Planning
- Historic Resources
- Land Use Planning
- Mineral Resources
- Noise
- Revegetation Planning
- Transportation & Traffic
- Visual Analysis

**ATTACHMENT D**  
***PLANNING ANALYSIS***

**PROJECT DESCRIPTION**

Below is the project description that staff has generated from the information provided in the application package. Please review this project description and verify with staff that the project description is correct:

The applicant is requesting a, Major Use Permit, Reclamation Plan and a Certificate of Compliance for Sand Mining project suitable for Portland Cement Concrete (PCC) use. The project would convert the existing golf course to a sand mining operation over ten years in three phases. The proposed project would produce 3.8 million cubic yards (5.7-million tons) of mineral resources and would have a maximum production limit of 570,000-tons (380,000 cubic yards) of construction grade aggregate per calendar year. Excavated material will total 4.7-million cubic yards with approximately 3.8-million cubic yards (5.7-million tons) of construction aggregate produced. As mining is completed in phases, the site will be progressively reclaimed and restored. The combined mineral extraction and reclamation project will affect approximately 244 acres of 280 acres in the Jamacha Valley.

The project will be developed in three mining phases and a fourth phase for final reclamation and will proceed in a southwest to northeast direction. The first phase will involve installation of access roads, creation of a pad for a processing plant east of Steele Canyon Road, placement of a conveyor/slurry line running west to east and development of the initial extraction area. As phases proceed the conveyor/slurry line will be moved to serve the areas mined in later phases. A final phase, Phase 4, will be a final reclamation, clean up and equipment removal phase. Facilities proposed for use at the site will include: a processing plant, a storage container, weigh scales and a modular scale house. The golf course will be operational as mining is completed in three phases. At the beginning of Phase 2, the front nine holes will be closed as mining begins and the back nine holes will continue to operate until the final phase of mining begins. After mining operations reclamation of the site will be conducted.

Site access for the project will require modification of the existing driveways and parking lot located on Willow Glen Drive next to the existing golf clubhouse. A new access point to the property from Willow Glen Drive west of the Steele Canyon Road (Phase 1 area) will be necessary as the clearance height of the bridge that crosses the Sweetwater River on Steele Canyon Road will not allow most large trucks or heavy equipment to pass beneath the bridge.

The project site is located off Willow Glen Drive in the Valle De Oro Community Planning area, within unincorporated San Diego County. The site is subject to the General Plan

Semi-Rural Regional Category, and Specific Plan Area Land Use Designation, and zoned Holding Area (S90), Open Space (S80), and Specific Plan (S88).

### **SCOPE FOR LAND USE/COMMUNITY CHARACTER ANALYSIS**

General Information: A land use/community character analysis shall be prepared for the proposal. This analysis shall include a map of the surrounding land uses that exist in the area. The analysis shall provide the following information:

1. The visual impact evaluating the compatibility of the scale and mass of the proposed project with the surrounding area.
  - This evaluation shall include information which compares square footage, heights, lot sizes, required earthwork and occupancy rates of other uses in the vicinity of the proposed project.
  - The architectural style of the structures and their site utilization shall be related to the manner in which surrounding properties have developed.
  - Landscaping shall be discussed in light of the ability of the plantings to soften the exterior appearance and relative massiveness of the proposed structures.
2. Other physical impacts resulting from the nature of the operations
  - This evaluation shall include the type of activities to be conducted, the time of day during which the various operations will occur, the days of the week the facility will be used, and the number of peoples involved.
  - This information shall define any potential impacts associated with this intensification of use of the site as well as providing a baseline for the analysis of noise, traffic, lighting or other related impacts.
3. The potential for subsequent changes to the regional environmental setting resulting from similar additional requests encouraged by the now altered community character or what physical limitations would not permit other property owners from following suit.

**Refer to the Project Issue Checklist for required changes to the Plot Plan.**

**ATTACHMENT E**  
**SCOPE FOR VISUAL RESOURCES & AESTHETICS**

Planning & Development Services has completed review of your project application and has determined that the project may adversely affect visual resources. Visual resources can include narrow or expansive views, can be views from one site or from a series of sites (as along a scenic highway), and can be viewed from above, at eye level, or from below. A particular thing that defines a community or a region's character and identity is also a scenic resource.

The aesthetic value of visual resources is not limited to open space and rural lands, but can also be held in historic structures and districts, architectural design, streetscapes and manufactured landscapes. These valuable aesthetic elements of the human-made environment can be found throughout the unincorporated County, even though it is mostly undeveloped.

The proposed project has the potential to adversely affect visual resources. A Visual Resources Report shall be prepared to assess the impacts that will result from the construction and operation of this project.

The report must follow the format given in the County's Report Format and Content Requirements for Visual Resources, which can be found at: [http://www.sdcounty.ca.gov/PDS/docs/Visual\\_Report\\_Formats.pdf](http://www.sdcounty.ca.gov/PDS/docs/Visual_Report_Formats.pdf).

The report must evaluate potentially adverse impacts to the environment according to the County's Guidelines for Determining Significance for Visual Resources, which can be found at: [http://www.sdcounty.ca.gov/PDS/docs/Visual\\_Guidelines.pdf](http://www.sdcounty.ca.gov/PDS/docs/Visual_Guidelines.pdf) The report must be prepared by a visual resources analyst who is on the County's approved consultant list for completing Visual Resource Reports.

**ATTACHMENT F**  
**SCOPE FOR AGRICULTURAL RESOURCES**

The project site mainly consists of an existing golf course. Land designated as Prime Farmland, Farmland of Statewide Importance, and Unique Farmland, as defined by California Department of Conservation Farmland Mapping and Monitoring Program (FMMP) are present on the property. Based on the potential impacts the project may have on agricultural resources an agricultural resources technical report is required to evaluate the significance of potential impacts. Additionally, the analysis will need to discuss any direct or indirect impacts to Agricultural Preserve 21 to the north-east. The agricultural analysis must be completed using the County's approved Guidelines for Determining Significance and Report Format and Content Requirements which can be found on the World Wide Web at:

<http://www.sdcounty.ca.gov/PDS/docs/AG-Guidelines.pdf> (Guidelines) and  
<http://www.sdcounty.ca.gov/PDS/docs/AG-Report-Format.pdf> (Report Formats).

**The attached Memorandum of Understanding must be executed by the applicant and consultant and subsequently submitted with the first iteration review.**

## **ATTACHMENT G**

### **SCOPE FOR AIR QUALITY ANALYSIS**

**Project Specific Information:** The proposed project has the potential to significantly contribute to an existing or projected air quality violation from proposed mining and reclamation activities and expose sensitive receptors to substantial pollutant concentrations. Therefore, the project is required to discuss the potential impacts to air quality and complete an Air Quality Analysis (Report).

At this time, the County does not have enough information to properly assess alternative options for processing and shipping materials. Thus, the Report should focus on the proposed project. As more information becomes available, the County may ask for additional analysis to be conducted for these other project options.

**General Information:** The County has approved *Guidelines for Determining Significance and Report Format and Content Requirements* dated March 19, 2007 which can be found here: <http://www.sandiegocounty.gov/content/dam/sdc/pds/ProjectPlanning/docs/AQ-Guidelines.pdf> and here: <http://www.sandiegocounty.gov/content/dam/sdc/pds/ProjectPlanning/docs/AQ-Report-Format.pdf>. The Report should be prepared pursuant to these guidance documents.

Due to the unique nature of the proposed project, construction and operational activities may not be distinctly different, and may not need to be discussed separately. Therefore, the Report should focus on identifying all potential impacts associated with project activities over the proposed 12-year period of mining and reclamation activities. If there are site preparation or construction activities anticipated at initiation of the project, those should be analyzed as well.

The air quality analysis must account for all onsite and offsite emissions-generating activities associated with the project, including but not limited to onsite and offsite vehicle use (e.g., on-road, off-road), excavation, earth movement, aggregate processing, material loading/stockpiling, material hauling truck trips, construction of support structures and access roads, and reclamation activities. Additionally, emissions associated with transport of necessary materials, including waste export, water import, or any other traffic associated with activities, must be included in the analysis.

There are existing sensitive receptors located in close proximity to the project site. The impact of project activities on these receptors from dust emissions, criteria pollutants and toxic air contaminants must be addressed in the Report.

Emissions of pollutants of concern from the proposed project may occur from proposed activities. In general, emissions from project activities include:

- Particulate matter less than 10 microns and 2.5 microns (PM<sub>10</sub> and PM<sub>2.5</sub>) from grading/excavation and soil disturbance, demolition activities, road improvements, equipment (mobile and stationary), haul trucks, vendor vehicles, stockpiling, material transport/movement, and worker commute vehicles;

- Products of combustion, including toxic air contaminants, from equipment, haul truck, vendor vehicles, worker commute vehicles and stationary sources (such as generators, if any);
- Volatile organic compound (VOC) emissions from use of equipment;
- Onsite energy consumption using natural gas or other fuels; and
- Queuing of vehicles at traffic lights can result in concentration of emissions, known as “hot spots”. Given the status of the San Diego Air Basin, principal emissions of concern are carbon monoxide (CO), VOC, and nitrogen oxides (NO<sub>x</sub>). In order to adequately assess emissions during build-out of the area, the analysis should assess level of service impacts along major roadways.

Additionally, the following issues should be addressed as a part of the air quality analysis:

1. Would the proposed project conflict or obstruct the implementation of the San Diego Regional Air Quality Strategy (RAQs) or applicable portions of the State Implementation Plan (SIP)?
2. Would the proposed project result in emissions that would violate any air quality standard or contribute substantially to an existing or projected air quality violation?
3. Since San Diego County is presently in non-attainment for the federal and/or State ambient air quality standards for ozone and PM<sub>10</sub> and PM<sub>2.5</sub>, would the proposed project result in a cumulatively considerable net increase of PM<sub>10</sub>, PM<sub>2.5</sub> or exceed quantitative thresholds for ozone precursors, NO<sub>x</sub>, and VOCs? The analysis should also provide a detailed discussion on cumulative impacts, framed in light of past, present and reasonable anticipated future projects in the project area. This should include a discussion on other projects contribution of PM<sub>10</sub>, PM<sub>2.5</sub>, and ozone precursors.
4. Would the proposed project expose sensitive receptors (schools, hospitals, resident care facilities, or day-care centers) to substantial pollutant concentrations? This analysis should discuss the proximity of any surrounding or proposed sensitive receptors to pollutant emissions generated onsite from diesel equipment. A health risk assessment should be included to calculate the incremental increases in cancer risk, as well as chronic, and acute health risk associated with toxic air contaminants, including diesel particulate matter (DPM) from off-road and on-road diesel equipment, as well as fugitive dust emissions, which could contain crystalline silica, or other toxic substances. Toxic air contaminant emissions should be quantified for off-road equipment use and fugitive dust generation during mining activities, and for heavy-duty diesel trucks hauling materials from the project site. The HRA shall be prepared in accordance with industry accepted methods and guidelines (e.g., Office of Environmental Health Hazard Assessment) and San Diego Guidelines for Determining Significance and Report Format and Content Requirements.
5. Would the proposed project have the potential to generate offensive odors? The analysis should discuss the potential sources of odorous emissions from the proposed project and if the project will cause an odor nuisance to the nearby public.

Mitigation measures shall be included to reduce any identified potentially significant impacts. The Report shall also include a discussion of the level of mitigation achieved by the proposed

mitigation, including quantification or substantial evidence where appropriate, to show how mitigation reduces identified impacts.

**The attached [Memorandum of Understanding](#) must be executed by the applicant and consultant and subsequently submitted with the first iteration review.**

**ATTACHMENT H**  
***SCOPE FOR BIOLOGICAL RESOURCES REPORT/***

**MAJOR PROJECT ISSUE(S)**

The following project issue(s) were identified during the project scoping and are further discussed in the attachments to this letter. These issue(s) may require substantial redesign of the proposed project or, if not resolved, would result in a recommendation for project denial by PDS. These issue(s) discussed below, were identified based upon information presently available to the County and are subject to change upon submittal of further information and studies:

- **Biological Resources:** A portion of the proposed project site is located within a designated Minor Amendment area. Additionally, any impacts proposed within the National Wildlife Refuge would require a Major Amendment. Both types of amendments require concurrence from the California Department of Fish & Wildlife (CDFW) and the U.S. Fish & Wildlife Service (USFWS). Major Amendments involve Federal Register Notice and an environmental document that addresses both state and federal environmental requirements (CEQA and NEPA). Please note that Major Amendment areas in particular can take years to complete and could result in significant delays in the processing of the project. Requests for Major and Minor Amendments will be in coordination with the Wildlife Agencies (CDFW and USFWS) in conformance with all applicable laws and regulations.
- **Biological Resources:** The site contains jurisdictional waters of the U.S./State and/or wetlands protected by the Resource Protection Ordinance (RPO). Impacts to jurisdictional waters will require permitting the authorizing resource agencies and/or compliance with the RPO as appropriate.
- **Biological Resources:** Several federally endangered and/or threatened species have been identified on the project site or within the vicinity of the project. The site may contain species that are not covered by the South County Multiple Species Conservation Program (MSCP) Subarea Plan, such as Quino checkerspot butterfly and San Diego fairy shrimp (per 2006 code case). Impacts to such species may require a Section 7 consultation or Section 10 permit from the U.S. Fish and Wildlife Service.

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Project Specific Information: The Cottonwood Sand Mining Project is located within the Sweetwater River valley on an existing golf course. As proposed, the project would produce 4.8-million cubic yards of mineral resource in three phases over a 10-year period with two additional years of reclamation. The project would be reclaimed to an end use of open space with limited areas designated for future development. The project would impact approximately 250 acres of the roughly 280-acre project site.

The project is located within the South County Multiple Species Conservation Program (MSCP) Subarea Plan. The majority of the site is within the unincorporated lands in the Metro-Lakeside-Jamul segment of the MSCP with several portions within the Pre-Approved Mitigation Area (PAMA). A portion of the project in the western portion of the site is within the South County

segment of the MSCP and is designated as a Minor Amendment Area. As proposed, the project would be required to process a Minor Amendment, which requires concurrence from the California Department of Fish & Wildlife (CDFW) and the U.S. Fish & Wildlife Service (USFWS).

The project is adjacent to federally protected land and proposes direct impacts to these lands. The project should be designed to avoid and minimize potential direct and indirect impacts to conserved lands.

The site contains jurisdictional waters of the U.S./State and/or wetlands protected by the County's Resource Protection Ordinance (RPO). Impacts to jurisdictional waters will require permitting from the authorizing resource agencies and/or compliance with the RPO as appropriate or verification from the resource agencies that permits are not required. The project site should also be assessed for potential impacts to groundwater-dependent vegetation species.

The Sweetwater River Valley is known to support a variety of sensitive plant and animal species. Some sensitive species are covered by the South County Multiple Species Conservation Program (MSCP) Subarea Plan. Several federally endangered and/or threatened species have been identified on the project site or within the vicinity of the project, including but not limited to least Bell's vireo, California gnatcatcher, San Diego ambrosia. Critical habitat for California gnatcatcher, southwestern willow flycatcher, least Bell's vireo, and San Diego ambrosia have been designated within or near to the project site. The site may contain species that are not covered by the South County MSCP Subarea Plan, such as Quino checkerspot butterfly and San Diego fairy shrimp (per 2006 code case). Impacts to such species may require a Section 7 consultation or Section 10 permit from the U.S. Fish and Wildlife Service.

The project contains nearly the entire habitat linkage between the McGinty Mountain/Sequan Peak-Dehesa Biological Resource Core Area (BRCA) and the Sweetwater Reservoir/San Miguel Mountain BRCA. Analysis of potential project impacts to wildlife movement through this linkage will be required and Biological Mitigation Ordinance (BMO) findings will need to be made prior to project approval.

The Rancho San Diego Specific Plan approved a golf course at the proposed site as a "public facility". With a change in land use, it need to be evaluated whether a change in land use and public facility status changes the mitigation requirements associated with the project. The Specific Plan indicates that the golf course may serve as part of a buffer zone to act as a physical barrier to sensitive habitat areas from existing human activities. The potential direct and indirect impacts of mining operations within this buffer area should be evaluated. Please provide evidence of permits or other documentation to demonstrate lawful clearing of the project site. If no permits are provided, forensic analysis and appropriate mitigation may be required.

General Information: A Full Biological Resource Report must be prepared in accordance with the County's Report Format and Content Requirements Biological Resources, which can be found

at [https://www.sandiegocounty.gov/content/dam/sdc/pds/ProjectPlanning/docs/Biological\\_Report\\_Format.pdf](https://www.sandiegocounty.gov/content/dam/sdc/pds/ProjectPlanning/docs/Biological_Report_Format.pdf). The report will provide a qualitative and quantitative analysis of all on and off-site

biological impacts (both direct and indirect) related to all phases of the project and include resource mapping with the most current project plan and any proposed open space and limited building zone easements. The County staff biologist reviewing the Biological Resource Report will hold an onsite meeting with the biology consultant for field verification after the first iteration report is submitted. At the discretion of the County staff biologist, the field meeting may be waived with a written explanation. In order to comply with the California Environmental Quality Act requirements, the report must also be in compliance with the County's Guidelines for Determining Significance, which can be found at [https://www.sandiegocounty.gov/content/dam/sdc/pds/ProjectPlanning/docs/Biological\\_Guidelines.pdf](https://www.sandiegocounty.gov/content/dam/sdc/pds/ProjectPlanning/docs/Biological_Guidelines.pdf).

Staff has prepared and attached a comprehensive list of sensitive species that may exist on the project site. Directed and/or protocol surveys are required for species shown in **boldface** type in the list. The biology report shall address the potential for each sensitive species to occur on the project site (table format). For further guidance please see the Report Format and Content Guidelines.

PDS has also determined that the report shall include **focused survey(s)** for the following rare and endangered species: *rare plants, fairy shrimp, herpetological studies (eg. arroyo toad), Stephen's kangaroo rat, southwestern willow flycatcher, Quino checkerspot butterfly, California gnatcatcher, and least Bell's vireo*. The focused survey(s) must be done by biologist(s) with demonstrable knowledge in field detection of the subject species (focused surveys for Federally listed species shall be in compliance with USFWS protocol, when such protocol exists, and must be done by a USFWS permitted biologist -- contact the USFWS at (760) 431-9440). If no protocol has been established, the methods of the directed search shall be described in the report. At a minimum, focused surveys must consist of walking transects across all areas with potential habitat for the species. The point locations and inferred territories of these species shall be included on the biological resources map. Focused surveys reports may be attached to the biological survey report in appendix form, but survey results must be evaluated in the biological survey report.

The report must also propose applicable and feasible mitigation measures. Examples are listed in Appendix D of the Report Format and Content Guidelines.

**Open Space Easements** – If biological open space is proposed, please submit a project-scale Open Space Map. The Open Space Map must show what biological resources are being protected and include a table showing the area (in acres) of land preserved according to vegetation type. All Biological Open Space Easements shall be protected from future fire-clearing through the dedication of a Limited Building Zone Easement. This easement is 100 feet wide and extends outward from the Biological Open Space Easement boundary. The Limited Building Zone Easement prohibits the construction of houses, barns, or other habitable structures that would require fire clearing into the Biological Open Space.

All existing and proposed open space easements (biological resource & limited building zones) must be clearly shown on the plans/map and on the preliminary grading plan.

In association with any proposed open space easements, temporary and/or permanent fencing and permanent signs may be required to protect the easements. These conditions are meant to protect from inadvertent disturbance of all open space easement(s) that do not allow grading, brushing or clearing. The open space fencing/signage plan for the proposed biological open space easement must be clearly shown on the preliminary grading plan and on the Open Space Map.

**Proposed Off-site Mitigation** – If off-site mitigation is proposed to mitigate for significant biological impacts, please provide a statement indicating where the off-site mitigation will be located. If the off-site mitigation will be obtained in a mitigation bank, please provide the name of the bank along with evidence that such credits can be allocated for this project. If the off-site mitigation will be through the purchase and preservation of other off-site land, please provide sufficient information for staff to evaluate the off-site resources and the means to preserve the resources in perpetuity.

**MSCP** – The site is located within the County’s Multiple Species Conservation Program (MSCP). The site is located within the Metro-Lakeside-Jamul segment of the County’s South County Multiple Species Conservation Program (MSCP). A portion of the site is designated as Pre-approved Mitigation Area (PAMA). As such, the project must comply with the Biological Mitigation Ordinance (BMO), the County ordinance for implementing the MSCP. By the project’s conformance with the BMO, the project will comply with the Federal and State Endangered Species Acts for species covered by MSCP. County staff will evaluate the project for conformance and will write MSCP Findings after a biological resources report has been reviewed and accepted as complete. No project shall be approved until each MSCP Finding is satisfied and the project is found to conform to the MSCP and the BMO. Costs for writing these findings have been included in the attached Environmental Cost Estimate.

**MSCP Minor Amendment Area** – As proposed, a portion of the project site is located within a designated Minor Amendment area. Minor amendments require concurrence from the California Department of Fish & Wildlife (CDFW) and the U.S. Fish & Wildlife Service (USFWS). Requests for Minor Amendments will be in coordination with the Wildlife Agencies (CDFW and USFWS) in conformance with all applicable laws and regulations.

**RPO** – The project site contains a natural drainage that may qualify as a wetland under the San Diego County Resource Protection Ordinance (RPO). The Resource Protection Ordinance prohibits impacts to wetlands and wetland buffers. These natural features are a significant constraint for land uses on the project site and may affect project design. The biological information requested below is required for staff to determine project compliance with the RPO.

**Wetlands Survey** – A wetlands survey must be completed using the wetlands definition in the County’s Resource Protection Ordinance (RPO). The County’s definition of wetlands varies from the federal U.S. Army Corps of Engineers’ definition. All RPO wetlands shall be mapped on the Biological Resources Map using aerial photographs and a field site visit. Should there be a disagreement over the extent of wetlands, staff may require further surveys using the U.S. Army Corps of Engineers standards and guidance for conducting wetland delineations.

The RPO requires buffers on all RPO wetlands. The biological resources map shall designate an appropriate wetland buffer width of 50-200 feet, depending on the biological resources present. The RPO prohibits impacts to wetlands and wetland buffers. Any part of the site that is a wetland and/or a wetland buffer must be placed into a dedicated Biological Open Space Easement. All Biological Open Space Easements shall be protected from future fire-clearing through the dedication of a Limited Building Zone Easement. This easement is 100 feet wide and extends outward from the Biological Open Space Easement boundary. The Limited Building Zone Easement prohibits the construction of houses, barns, or other habitable structures that would require fire clearing into the Biological Open Space. Once the wetland(s), wetland buffer(s) and limited building zone easement(s) are mapped, redesign of the proposed project may be required.

**Jurisdictional Resources** – PDS staff has determined that the project may disturb wetlands, lakes, streams, and/or waters of the U.S./State. Such disturbance may require notification to the Regional Water Quality Control Board (RWQCB), California Department of Fish and Wildlife (CDFW), and/or the Army Corps of Engineers (ACOE). PDS recommends that you contact the above agencies about the permitting requirements for potential disturbances to wetlands, lakes, streams, and/or waters of the U.S./State. If such permitting requirements are incorporated into the project at this time, it may prevent future delays or changes in the project design. RWQCB general information and submittal information can be obtained through the RWQCB website [https://www.waterboards.ca.gov/rwqcb9/water\\_issues/programs/401\\_certification/index.html](https://www.waterboards.ca.gov/rwqcb9/water_issues/programs/401_certification/index.html) or by contacting the general information number @ (619) 521-1990. CDFW general information and submittal information can be obtained through the CDFW website <https://www.wildlife.ca.gov/Conservation/LSA> or by contacting the CDFW South Coast Regional Office at (858) 636-3160. Information for consultation and formal submittal of the 404 Permit application required by the ACOE can be obtained through their website at: <http://www.spl.usace.army.mil/regulatory/> or through the general information number at (858) 674-5387. When a formal wetland delineation is requested, the ACOE 1987 Wetland Delineation Manual and “Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Version 2.0)” should be used ([http://www.usace.army.mil/Missions/CivilWorks/RegulatoryProgramandPermits/reg\\_su\\_pp.aspx](http://www.usace.army.mil/Missions/CivilWorks/RegulatoryProgramandPermits/reg_su_pp.aspx)).

**Please be aware that the County will not issue any permit authorizing land disturbance (e.g., grading permits) which may disturb wetlands, lakes, streams, and/or waters of the U.S. until all required permits/agreements from these agencies have been obtained or are determined to be not required.**

**Indirect Impacts** – Indirect impacts may be the result of secondary effects from direct impacts or those impacts that over time cause the degradation of a resource by changing its function, health or quality. Unlike direct impacts that are typically one-time effects, indirect impacts often continue in the long term and may actually increase.

Indirect impacts commonly result from a project’s “edge effects.” Edge effects from development may extend several hundred feet into adjacent open space areas, causing significant changes in species composition, diversity and abundance in those nearby lands. Projects can have a

wide variety of indirect impacts depending on the nature of the project, the type of resources present, and the type and degree of edge effects. Certain restrictions may be required when the project proposes significant noise within close proximity to existing or proposed open space.

**Migratory Bird Treaty Act** – The site appears to have mature native and/or ornamental trees which may be used for nesting by migratory birds. Any grading, brushing or clearing conducted during the migratory bird breeding season, February 1 – August 31, has a potential to impact nesting or breeding birds in violation of the Migratory Bird Treaty Act. The applicant may submit evidence that nesting or breeding migratory birds will not be affected by the grading, brushing or clearing to these agencies: California Department of Fish and Wildlife, 3883 Ruffin Rd., San Diego, CA 92123, (858) 467-4201, <http://www.dfg.ca.gov/>; and United States Fish and Wildlife Service, 6010 Hidden Valley Rd, Carlsbad, CA 92011-4219, (760) 431-9440, <http://www.fws.gov/>.

The **Memorandum of Understanding** must be executed by the applicant and consultant, and subsequently submitted with the first iteration review.

### Comprehensive List of Sensitive Species

| Plant | Animal | Latin Name  | Common Name                     | Directed Survey Required |
|-------|--------|---|---------------------------------|--------------------------|
| X     |        | <b><i>Acanthomintha ilicifolia</i></b>            | <b>San Diego Thornmint</b>      | X                        |
| X     |        | <i>Achnatherum diegoensis</i>                     | San Diego needlegrass           |                          |
| X     |        | <b><i>Adolphia californica</i></b>                | <b>San Diego adolphia</b>       | X                        |
| X     |        | <b><i>Ambrosia pumila</i></b>                     | <b>San Diego Ambrosia</b>       | X                        |
| X     |        | <i>Artemisia palmeri</i>                          | Palmer's sage                   |                          |
| X     |        | <b><i>Astragalus deanei</i></b>                   | <b>Dean's Milkvetch</b>         | X                        |
| X     |        | <b><i>Atriplex parishii</i></b>                   | <b>Parish brittlescale</b>      | X                        |
| X     |        | <b><i>Baccharis vanessae</i></b>                  | <b>Encinitas Baccharis</b>      | X                        |
| X     |        | <b><i>Brodiaea filifolia</i></b>                  | <b>Thread leaved brodeiaa</b>   | X                        |
| X     |        | <b><i>Brodiaea orcuttii</i></b>                   | <b>Orcutt's brodiaea</b>        | X                        |
| X     |        | <i>Calandrinia breweri</i>                        | Brewer's calandrinia            |                          |
| X     |        | <i>Calochortus catalinae</i>                      | Catalina mariposa lily          |                          |
| X     |        | <i>Camissonia lewisii</i>                         | Lewis sun cup                   |                          |
| X     |        | <b><i>Caulanthus stenocarpus</i></b>              | <b>Slender Pod Jewelflower</b>  | X                        |
| X     |        | <b><i>Ceanothus cyaneus</i></b>                   | <b>Lakeside ceanothus</b>       | X                        |
| X     |        | <b><i>Ceanothus verrucosus</i></b>                | <b>Wart stemmed ceanothus</b>   | X                        |
| X     |        | <b><i>Centromadia parryi australis</i></b>        | <b>Southern tarplant</b>        | X                        |
| X     |        | <b><i>Centromadia pungens laevis</i></b>          | <b>Smooth tarplant</b>          | X                        |
| X     |        | <b><i>Chorizanthe polygonoides longispina</i></b> | <b>Long spined-spine flower</b> | X                        |

|   |   |   |                                |   |
|---|---|---|--------------------------------|---|
| X |   | <b><i>Chorizanthe procumbens</i></b>                    | <b>Prostrate spineflower</b>   | X |
| X |   | <b><i>Clarkia delicata</i></b>                          | <b>Campo clarkia</b>           | X |
| X |   | <b><i>Comarostaphylos diversifolia diversifolia</i></b> | <b>Summer holly</b>            | X |
| X |   | <i>Convolvulus simulans</i>                             | Small flowered morning glory   |   |
| X |   | <b><i>Cupressus forbesii</i></b>                        | <b>Tecate cypress</b>          | X |
| X |   | <b><i>Deinandra (Hemizonia) conjugens</i></b>           | <b>Otay tarplant</b>           | X |
| X |   | <i>Dichondra occidentalis</i>                           | Western dichondra              |   |
| X |   | <b><i>Dudleya variegata</i></b>                         | <b>Variegated dudleya</b>      | X |
| X |   | <b><i>Dudleya viscida</i></b>                           | <b>Sticky dudleya</b>          | X |
| X |   | <b><i>Ericameria palmeri palmeri</i></b>                | <b>Palmer's goldenbush</b>     | X |
| X |   | <b><i>Erodium macrophyllum var macrophyllum</i></b>     | <b>Large leaf fillary</b>      | X |
| X |   | <b><i>Eryngium aristulatum parishii</i></b>             | <b>San Diego button celery</b> | X |
| X |   | <b><i>Ferocactus viridescens</i></b>                    | <b>Coast barrel cactus</b>     | X |
| X |   | <b><i>Fremontodendron mexicanum</i></b>                 | <b>Mexican flannelbush</b>     | X |
| X |   | <i>Githopsis diffusa filicaulis</i>                     | Mission canyon bluecup         |   |
| X |   | <i>Harpagonella palmeri</i>                             | Palmer's grappling hook        |   |
| X |   | <i>Holocarpha virgata elongata</i>                      | Graceful tarplant              |   |
| X |   | <i>Hordeum intercedens</i>                              | Vernal barley                  |   |
| X |   | <b><i>Iva hayesiana</i></b>                             | <b>San Diego marsh elder</b>   | X |
| X |   | <i>Juglans californica</i>                              | California black walnut        |   |
| X |   | <i>Juncus acutus leopoldii</i>                          | Soutwestern spiny rush         |   |
| X |   | <b><i>Lepidium virginicum robinsonii</i></b>            | <b>Robinson pepper grass</b>   | X |
| X |   | <i>Microseris douglasii platycarpha</i>                 | Small flowered microseris      |   |
| X |   | <i>Mimulus diffusus</i>                                 | Palomar monkey flower          |   |
| X |   | <b><i>Monardella linoides viminea</i></b>               | <b>Willowly monardella</b>     | X |
| X |   | <b><i>Muilla clevelandii</i></b>                        | <b>San Diego goldenstar</b>    | X |
| X |   | <i>Myosurus minimus apus</i>                            | Little mousetail               |   |
| X |   | <b><i>Navarretia fossalis</i></b>                       | <b>Spreading navarretia</b>    | X |
| X |   | <b><i>Nolina cismontana</i></b>                         | <b>Chapparal beargrass</b>     | X |
| X |   | <b><i>Nolina interrata</i></b>                          | <b>Dehesa beargrass</b>        | X |
| X |   | <i>Ophioglossum californicum</i>                        | California adder's tongue fern |   |
| X |   | <i>Pentachaeta aurea</i>                                | Golden-rayed pentachaeta       |   |
| X |   | <i>Perideridia gairdneri gairdneri</i>                  | Gairdner's yampah              |   |
| X |   | <i>Piperia cooperi</i>                                  | Cooper's rein orchid           |   |
| X |   | <i>Piperia leptopetala</i>                              | Narrow-petaled rein orchid     |   |
| X |   | <b><i>Pogogyne nudiuscula</i></b>                       | <b>Otay mesa mint</b>          | X |
| X |   | <b><i>Quercus cedrosensis</i></b>                       | <b>Cedros Island oak</b>       | X |
| X |   | <b><i>Quercus dumosa</i></b>                            | <b>Nuttall's scrub oak</b>     | X |
| X |   | <i>Quercus engelmannii</i>                              | Engelmann oak                  |   |
| X |   | <b><i>Salvia munzii</i></b>                             | <b>Munz sage</b>               | X |
| X |   | <i>Selaginella cinerascens</i>                          | Mesa club moss                 |   |
| X |   | <b><i>Senecio aphanactis</i></b>                        | <b>Rayless ragwort</b>         | X |
| X |   | <b><i>Stemodia durantifolia</i></b>                     | <b>Blue streamwort</b>         | X |
| X |   | <i>Viguiera laciniata</i>                               | San Diego sunflower            |   |
|   | X | <b><i>Accipiter cooperi</i></b>                         | <b>Cooper's hawk</b>           | X |

|   |   |                                       |   |
|---|---|---------------------------------------|---|
| X | <b><i>Accipiter striatus</i></b>                    | <b>Sharp-shinned hawk</b>             | X |
| X | <b><i>Agelaius tricolor</i></b>                     | <b>Tricolored blackbird</b>           | X |
| X | <b><i>Aimophila ruficeps canescens</i></b>          | <b>Rufous-crowned sparrow</b>         | X |
| X | <b><i>Ammodramus savannarum</i></b>                 | <b>Grasshopper sparrow</b>            | X |
| X | <b><i>Amphispiza belli belli</i></b>                | <b>Bell's sage sparrow</b>            | X |
| X | <i>Anniella pulchra pulchra</i>                     | Silvery legless lizard                |   |
| X | <i>Antrozous pallidus</i>                           | Pallid bat                            |   |
| X | <b><i>Aquila chrysaetos</i></b>                     | <b>Golden eagle</b>                   | X |
| X | <i>Ardea herodias</i>                               | Great blue heron                      |   |
| X | <b><i>Asio otus</i></b>                             | <b>Long-eared owl</b>                 | X |
| X | <b><i>Athene cunicularia hypugea</i></b>            | <b>Burrowing owl</b>                  | X |
| X | <i>Bassariscus astutus</i>                          | Ringtail                              |   |
| X | <b><i>Branchinecta sandiegoensis</i></b>            | <b>San Diego fairy shrimp</b>         | X |
| X | <i>Branta canadensis</i>                            | Canada goose (Winter)                 |   |
| X | <b><i>Bufo microscaphus californicus</i></b>        | <b>Arroyo toad</b>                    | X |
| X | <b><i>Buteo lineatus</i></b>                        | <b>Red-shouldered hawk</b>            | X |
| X | <b><i>Buteo regalis</i></b>                         | <b>Ferruginous hawk (Winter)</b>      | X |
| X | <i>Butorides striatus</i>                           | Green heron                           |   |
| X | <b><i>Campylorhynchus brunnicapillus couesi</i></b> | <b>San Diego cactus wren</b>          | X |
| X | <b><i>Cathartes aura</i></b>                        | <b>Turkey vulture</b>                 | X |
| X | <i>Chaetodipus californicus femoralis</i>           | Dulzura California pocket mouse       |   |
| X | <i>Chaetodipus fallax fallax</i>                    | Northwestern San Diego pocket mouse   |   |
| X | <i>Charina trivirgata roseofusca</i>                | Coastal rosy boa                      |   |
| X | <i>Choeronycteris mexicana</i>                      | Mexican long-tongued bat              |   |
| X | <b><i>Circus cyaneus hudsonius</i></b>              | <b>Northern harrier</b>               | X |
| X | <b><i>Clemmys marmorata pallida</i></b>             | <b>Southwestern pond turtle</b>       | X |
| X | <b><i>Cnemidophorus hyperythrus</i></b>             | <b>Orange-throated whiptail</b>       | X |
| X | <i>Cnemidophorus tigris multiscutatus</i>           | Coastal western whiptail              |   |
| X | <b><i>Coccyzus americanus occidentalis</i></b>      | <b>Yellow-billed cuckoo</b>           | X |
| X | <b><i>Coleonyx variegatus abbottii</i></b>          | <b>San Diego banded gecko</b>         | X |
| X | <i>Corynorhinus townsendii</i>                      | Townsend's big-eared bat              |   |
| X | <i>Crotalus ruber ruber</i>                         | Northern red diamond rattlesnake      |   |
| X | <i>Danaus plexippus</i>                             | Monarch butterfly                     |   |
| X | <i>Dendroica petechia brewsteri</i>                 | Yellow warbler                        |   |
| X | <i>Diadophis punctatus similis</i>                  | San Diego ringneck snake              |   |
| X | <b><i>Dipodomys stephensi</i></b>                   | <b>Stephen's kangaroo rat</b>         | X |
| X | <b><i>Elanus caeruleus</i></b>                      | <b>White-tailed kite</b>              | X |
| X | <b><i>Empidonax trailii extimus</i></b>             | <b>Southwestern willow flycatcher</b> | X |
| X | <i>Eremophila alpestris actis</i>                   | Horned lark                           |   |
| X | <i>Euderma maculatum</i>                            | Spotted bat                           |   |
| X | <i>Eumeces skiltonianus interparietalis</i>         | Coronado skink                        |   |
| X | <i>Eumops perotis californicus</i>                  | Greater western mastiff bat           |   |
| X | <b><i>Euphydryas editha quino</i></b>               | <b>Quino checkerspot butterfly</b>    | X |
| X | <b><i>Euphys vestris harbisoni</i></b>              | <b>Dun skipper</b>                    | X |
| X | <i>Falco columbarius</i>                            | Merlin (Winter)                       |   |

|   |  |                                    |   |
|---|--|------------------------------------|---|
| X | <b><i>Falco mexicanus</i></b>                    | <b>Prairie falcon</b>              | X |
| X | <i>Felis concolor</i>                            | Mountain lion                      |   |
| X | <b><i>Ictera virens</i></b>                      | <b>Yellow-breasted chat</b>        | X |
| X | <b><i>Lanius ludovicianus</i></b>                | <b>Loggerhead shrike</b>           | X |
| X | <i>Larus californicus</i>                        | California gull (Non-breeding)     |   |
| X | <i>Lasiurus blossevillii</i>                     | Western red bat                    |   |
| X | <i>Lepus californicus bennettii</i>              | San Diego black-tailed jackrabbit  |   |
| X | <b><i>Lycaena hermes</i></b>                     | <b>Hermes copper</b>               | X |
| X | <i>Macrotus californicus</i>                     | California leaf-nosed bat          |   |
| X | <i>Myotis ciliolabrum</i>                        | Small-footed myotis                |   |
| X | <i>Myotis yumanensis</i>                         | Yuma myotis                        |   |
| X | <i>Neotoma lepida intermedia</i>                 | San Diego desert woodrat           |   |
| X | <i>Nyctinomops macrotis</i>                      | Big free-tailed bat                |   |
| X | <i>Nyctinomops femorosaccus</i>                  | Pocketed free-tailed bat           |   |
| X | <i>Odocoileus hemionus</i>                       | Southern mule deer                 |   |
| X | <i>Onychomys torridus ramona</i>                 | Southern grasshopper mouse         |   |
| X | <i>Phobetus robinsoni</i>                        | Robinson's beetle                  |   |
| X | <i>Phrynosoma coronatum blainvillei</i>          | San Diego horned lizard            |   |
| X | <b><i>Polioptila californica californica</i></b> | <b>California gnatcatcher</b>      | X |
| X | <b><i>Pyrocephalus rubinus</i></b>               | <b>Vermilion flycatcher</b>        | X |
| X | <b><i>Rana aurora draytoni</i></b>               | <b>California red -legged frog</b> | X |
| X | <i>Salvadora hexalepis virgultea</i>             | Coast patch-nosed snake            |   |
| X | <i>Sialia mexicana</i>                           | Western bluebird                   |   |
| X | <i>Spea (Scaphiopus) hammondii</i>               | Western spadefoot toad             |   |
| X | <i>Taxidea taxus</i>                             | American badger                    |   |
| X | <b><i>Thamnophis hammondii</i></b>               | <b>Two stripe garter snake</b>     | X |
| X | <i>Thamnophis sirtalis novum</i>                 | South Coast garter snake           |   |
| X | <i>Tyto alba</i>                                 | Common barn-owl                    |   |
| X | <b><i>Vireo bellii pusillus</i></b>              | <b>Least Bell's vireo</b>          | X |

The [Memorandum of Understanding](#) must be executed by the applicant and consultant, and subsequently submitted with the first iteration review.

**ATTACHMENT I**  
**SCOPE FOR CULTURAL RESOURCES**

**CULTURAL SURVEY AND HISTORIC EVALUATION**

Project Specific Information: County records, as well as the database from the South Coastal Information Center have been reviewed for the proposed project site. Per the submitted project description, areas of the project site have been previously mined, and other areas are heavily disturbed due to extensive landscaping and development of the existing golf course. Dispersed portions of the project site were surveyed in 2005 by Laguna Mountain Environmental for a golf course enhancement project; that report has been requested from the South Coastal Information Center so the results can be assessed.

Cultural/historical resources have been previously recorded within and adjacent to the project site, the potential processing plant site, and the potential loadout facility. Buildings that appear to be older than 50 years, including the Cottonwood Clubhouse, are also present within the project site. In addition, the prior cultural studies and site records do not address potential impacts to Tribal Cultural Resources (TCRs). Therefore, an updated cultural study will be required.

The study should initially include: an updated records search, an analysis of TCRs to be supplemented by County Staff's Native American consultation, an evaluation of the significance of any historic structures on site, and a field survey. The field survey should focus on access roads, off-site improvements, and areas that have not been extensively disturbed previously (e.g. areas previously mined). The study should also take into account the geologic conditions (referencing any geotechnical studies if possible) to assess whether there is any potential to encounter unknown, subsurface, cultural resources during any phases of the proposed project. The standard requirements for cultural studies are outlined below.

Native American Consultation: Upon project submittal, County staff will request a Sacred Lands file search from the Native American Heritage Commission to assess whether tribal cultural resources may be impacted by the proposed project. In addition, Staff will conduct outreach with the Native American communities for the purpose of AB-52 consultation. The intent of Native American consultation is to allow tribes an opportunity to participate in local land use decisions at an early planning stage for the purpose of protecting, or mitigating impacts to Native American cultural resources. Your presence at consultation meetings with the tribes may be requested to address their issues and concerns.

**General Cultural Study Requirements:**

General Information: A field survey (including off-site improvements) for the presence of archaeological or tribal cultural resources and/or an evaluation of the site as a historic resource must be conducted in accordance with the Resource Protection Ordinance (RPO), Section 21083.2 of the Public Resources Code (CEQA), and the San Diego County CEQA Guidelines. The survey must provide evidence in the form of a letter from the South Coastal Information Center (SCIC) that an institutional record searches has been conducted. In addition, a field

survey and/or evaluation by a County approved archaeologist/historian must be conducted. The report must follow the required report format as outlined in the Report Format and Content Guidelines. Please complete all appropriate DPR Series 123 forms and submit them to the South Coastal Information Center and PDS. A Kumeyaay Native American monitor is required during the survey for archaeological resources. The study must include a discussion of the absence or presence of tribal cultural resources and must include a Sacred Lands check with the Native American Heritage Commission (NAHC). The study must provide the results of outreach with listed tribes provided by the NAHC.

Guidelines for Determining Significance and Report Format and Content Guidelines can be obtained from the County website at:

<http://www.sdcounty.ca.gov/dplu/Resource/3~procguid/3~procguid.html#arch>

If no cultural resources are identified, a brief letter report will be satisfactory documentation of the survey.

If the survey is positive for resources, scientific evidence must be provided to substantiate (a) the resources' significance, and (b) the boundaries of the resource(s). If the resources extend off-site, these must be shown on the map and discussed. The report must address both CEQA and County RPO significance criteria for each resource as outlined in the Guidelines for Determining Significance. The report must address the direct construction impacts to resources (both on- and off-site) and make a determination as to impact severity. Any resource(s) that will be exposed to indirect impacts from the project should be addressed as well.

All project specific archaeological/cultural site location maps and figures must be submitted under a separate confidential appendix that clearly states that the contents are not for public review.

### **Archaeological Significance Testing**

**Project Specific Information:** Depending on the results of the archaeological survey, significance testing may be necessary. If resources are present, avoidance must be considered as the first option. If avoidance is not feasible, then significance testing must be conducted.

**General Information:** If the project design will impact cultural resources, a County approved archaeologist must conduct scientific testing to determine the significance, boundaries, and area (square meters/yards) of the resource(s). A Kumeyaay Native American monitor must be present during the significance testing phase. All testing must be screened through a 1/8 inch mesh or finer screen unless the use of larger mesh has been approved by Planning & Development Services. Any faunal that is identified must be evaluated by a faunal professional. Testing shall be approved by Planning & Development Services prior to commencing fieldwork.

The project is subject to the RPO. If the cultural resources do not meet the definition of a significant prehistoric and/or historic site as defined in the RPO but do meet CEQA significance criteria, mitigation in the form of avoidance (preservation) should be considered first. However if avoidance is infeasible, then data recovery should be considered as mitigation. If the cultural

resources do meet the definition of a significant prehistoric and/or historic site as defined in the RPO, avoidance is required. Dedication of open space over the resource would be required. The open space easement should be identified as an “Environmentally Sensitive Area” (ESA) open space on the plans. Depending on project characteristics, a preservation plan may be required.

### **Preservation Plan**

#### *Archaeological Resources*

If significance testing produces evidence that indicates resources are to be protected pursuant to the RPO, or if preservation is the form of mitigation selected for CEQA significant sites, the project should be redesigned, if necessary, to avoid impacts and preserve the resource(s). The report should address the need to cap the resource(s) with soil, gravel, jute landscape matting, and/or leaf compost to protect the site from indirect impacts. Open space easements or other measures should also be considered to prevent future impacts to resources.

#### *Historic Resources*

If the historic resource evaluation determines that a site is significant pursuant to CEQA, RPO, or the County’s Guidelines for Determining Significance, the report must include a preservation plan. Adaptive reuse, open space easements, facade easements, and other conservation easements should be considered as mitigation. Specific performance criteria and/or easements should be proposed to guide future landowners.

### **Disposition of Cultural Materials**

The report shall include both the curation and repatriation of artifacts as options. Any human remains identified is subject to Public Resources Code §5097.98, CEQA §15064.5, Health & Safety Code §7050.5, and the County’s RPO. Disposition of human remains and associated grave goods will be determined during consultation with the Most Likely Descendant.

**The attached [Memorandum of Understanding](#) must be executed by the applicant and consultant and subsequently submitted with the first iteration review.**

**ATTACHMENT J**  
**DRAFT PALEONTOLOGICAL RESOURCES CONDITIONS**

**(PALEONTOLOGICAL RESOURCES)**

**DURING CONSTRUCTION:** *(The following actions shall occur throughout the duration of the grading construction).*

**(PALEONTOLOGICAL RESOURCES)**

**PALEO#GR-1 PALEONTOLOGICAL MONITORING**

**INTENT:** In order to comply with Mitigation Monitoring and Reporting Program pursuant to [REDACTED], a Paleontological Monitoring Program shall be implemented. **DESCRIPTION OF REQUIREMENT:** This project site has marginal levels of sensitive Paleontological resources. All grading activities are subject to the [County of San Diego Grading Ordinance Section 87.430](#), if any significant resources (Fossils) are encountered during grading activities.

- a. The grading contractor is responsible to monitor for paleontological resources during all grading activities. If any fossils are found greater than 12 inches in any dimension, stop all grading activities and contact PDS before continuing grading operations.
- b. If any paleontological resources are discovered and salvaged, the monitoring, recovery, and subsequent work determined necessary shall be completed by or under the supervision of a Qualified Paleontologist pursuant to the [San Diego County Guidelines for Determining Significance for Paleontological Resources](#).

**TIMING:** The following actions shall occur throughout the duration of the grading construction. **MONITORING:** The [DPW, PDCI] shall make sure that the grading contractor is on-site performing the Monitoring duties of this condition. The [DPW, PDCI] shall contact PDS if the grading contractor or applicant fails to comply with this condition.

**ROUGH GRADING:** *(Prior to rough grading approval and issuance of any building permit).*

**(PALEONTOLOGICAL RESOURCES)**

**PALEO#GR-2 PALEONTOLOGICAL MONITORING**

**INTENT:** In order to comply with the adopted Mitigation Monitoring and Reporting Program (MMRP) pursuant to [REDACTED], and the [County of San Diego Guidelines for Determining Significance and Report Format and Content Requirements for Paleontological Resources](#), a Paleontological Monitoring Program shall be implemented. **DESCRIPTION OF REQUIREMENT:** One of the following letters shall be performed upon completion of the grading activities that require monitoring:

- a. If no paleontological resources were discovered, submit a “No Fossils Found” letter from the grading contractor to PDS stating that the monitoring has been completed

and that no fossils were discovered, and including the names and signatures from the fossil monitors. The letter shall be in the format of Attachment E of the [County of San Diego Guidelines for Determining Significance for Paleontological Resources](#).

- b. If paleontological resources were encountered during grading, a letter shall be prepared stating that the field grading monitoring activities have been completed, and that resources have been encountered. The letter shall detail the anticipated time schedule for completion of the curation phase of the monitoring.

**DOCUMENTATION:** The applicant shall submit the letter report to PDS for review and approval. **TIMING:** Upon completion of all grading activities, and prior to Rough Grading Final Inspection ([Grading Ordinance SEC 87.421.a.2](#)), the letter report shall be completed. **MONITORING:** PDS shall review the final negative letter report or field monitoring memo for compliance with the project MMRP, and inform [DPW, PDCI] that the requirement is completed.

**ATTACHMENT K**  
**SCOPE FOR GEOLOGIC INVESTIGATION REPORT**

Staff has reviewed the Project Description for the Cottonwood Sand Mine. The project, situated within the Sweetwater River watershed and in the floodplain of the Sweetwater River, includes mining sand suitable for Portland Cement Concrete use. The proposed project is set within the Jamacha Valley adjacent to the village of Jamacha and approximately 0.5 miles east of Rancho San Diego community, in an unincorporated area of San Diego County. It is understood that the property was previously classified by the California Geological Survey (CGS) as a combination of MRZ-3 and MRZ-4 with a small section of MRZ-2 land located on the northwest end of the property. Based on this information, a Geologic Investigation Report and a Mineral Resources Report are required.

**GEOTECHNICAL INVESTIGATION REPORT:**

To evaluate the stability of temporary and permanent slopes to be created for the project, a geotechnical investigation is required to be completed by a California Certified Engineering Geologist.

**Study**

**Final Cut and Fill Slopes:** The County Guidelines for Determining Significance – Geologic Hazards, indicate for final slopes the factor of safety shall be >1.5 for static and 1.1 for dynamic loads. Please provide slope stability analysis of final cut and fill slopes (deep-seated and surficial stability). If final slopes do not meet the factor of safety, please redesign the slopes as necessary to meet the factor of safety.

**Temporary Cut and Fill Slopes:** Provide stability analysis for all temporary cut and fill slopes in order to have an adequate factor of safety of >1.3 for static and 1.1 for dynamic loads. Given the long-term nature of this project and slopes potentially being in place for a number of years, it is important to be conservative to ensure the safety of on-site workers.

**Shallow Groundwater Conditions:** Given the project's location in the floodplain of the Sweetwater River, the geotechnical investigation should consider potential shallow groundwater conditions consistent with historical groundwater levels.

**Compaction of Fill:** For proposed backfilling activities, recommendation for fill and compaction of materials should be made within the geotechnical report.

**The [Memorandum of Understanding](#) must be executed by the applicant and consultant and subsequently submitted with the first iteration review.**

Please contact Leanne Crow, Hydrogeologist, at 858-495-5514 if you have any questions regarding these comments.

**ATTACHMENT L  
HAZARDOUS MATERIALS USE/STORAGE ONSITE**

**Hazardous Materials Use/Storage Onsite**

A review of your project indicates that there may be a possibility for onsite storage, use or transport of hazardous materials as a part of normal operations. Please provide additional detail regarding the types of uses and operations that will require hazardous materials storage, use and/or transport. Detail the types of hazardous materials (i.e. gasoline, petroleum, oils and solvents etc.) that would be stored onsite and **estimate the quantities** that would be stored onsite at any given time.

All storage, handling, transport, emission and disposal of hazardous substances shall be in full compliance with local, State, and Federal regulations. California Government Code § 65850.2 requires that no final certificate of occupancy or its substantial equivalent be issued unless there is verification that the owner or authorized agent has met, or is meeting, the applicable requirements of the Health and Safety Code, Division 20, Chapter 6.95, Article 2, Section 25500-25520.

The San Diego County Department of Environmental Health Hazardous Materials Division (DEH HMD) is the Certified Unified Program Agency (CUPA) for San Diego County responsible for enforcing Chapter 6.95 of the Health and Safety Code. As the CUPA, the DEH HMD is required to regulate hazardous materials business plans and chemical inventory, hazardous waste and tiered permitting, underground storage tanks, and risk management plans. The Hazardous Materials Business Plan is required to contain basic information on the location, type, quantity and health risks of hazardous materials stored, used, or disposed of onsite. The plan also contains an emergency response plan which describes the procedures for mitigating a hazardous release, procedures and equipment for minimizing the potential damage of a hazardous materials release, and provisions for immediate notification of the HMD, the Office of Emergency Services, and other emergency response personnel such as the local Fire Agency having jurisdiction. Implementation of the emergency response plan facilitates rapid response in the event of an accidental spill or release, thereby reducing potential adverse impacts. Furthermore, the DEH HMD is required to conduct ongoing routine inspections to ensure compliance with existing laws and regulations; to identify safety hazards that could cause or contribute to an accidental spill or release; and to suggest preventative measures to minimize the risk of a spill or release of hazardous substances.

**Asbestos/Lead Surveys**

The project site contains several commercial buildings and accessory structures on site, which may have been constructed prior to the ban on asbestos and lead. Due to the age of the structures and the potential for asbestos and/or lead to have been present in construction materials, the completion of lead and/or asbestos surveys will be required if the structures are scheduled to be demolished.

**Draft Conditions:**

**HAZ #X–LEAD SURVEY [PDS, FEE X 2]**

**INTENT:** In order to avoid hazards associated with lead based paint (LBP) and lead containing materials (LCM) to mitigate below levels of significance as established in the [County of San Diego Hazardous Materials and Existing Contamination Guidelines for Determining Significance](#), the structure(s) identified on the approved plot plan designated for demolition shall be surveyed for the presence of LBP/LCM because the structures may have been built prior to 1980. **DESCRIPTION OF REQUIREMENT:** A facility survey shall be performed to determine the presence or absence of LBP/LCM in the structures identified for demolition on the approved plot plan set. The survey shall be completed by a California Department of Health Services (DHS) certified lead inspector/risk assessor to determine the presence or absence of LBP and LCM located in the structure. The following conditions only apply if LBP and LCM are present:

- a. All LBP and LCM shall be managed in accordance with applicable regulations including, at a minimum, the hazardous waste disposal requirements (Title 22 California Code of Regulations [CCR] Division 4.5), the worker health and safety requirements (Title 8 California Code of Regulations Section 1532.1), and the State Lead Accreditation, Certification, and Work Practice Requirements (Title 17 CCR Division 1, Chapter 8).
- b. All LBP and LCM scheduled for demolition or disturbed during remodeling must comply with applicable regulations for demolition methods and dust suppression.

**DOCUMENTATION:** The applicant shall submit a letter or report prepared by a California DHS certified lead inspector/risk assessor to the [DEH HAZ MAT, APCD], which certifies that there was no LBP/LCM present, or all lead containing materials have been remediated pursuant to applicable regulations. **TIMING:** Prior building permit, the applicant shall comply with this condition. **MONITORING:** The [DEH HAZ MAT, APCD] shall review the report and any additional evidence for compliance with this condition. The [PDS, PCC] shall review the completed and stamped report and any additional evidence for compliance with this condition.

**HAZ #2–ASBESTOS SURVEY [PDS, FEE X 2]**

**INTENT:** In order to avoid hazards associated with Asbestos Containing Materials (ACMs) and to mitigate below levels of significance as established by the [County of San Diego Hazardous Materials and Existing Contamination Guidelines for Determining Significance](#), the structures identified on the approved Major Use Permit Plot Plan set for demolition shall be surveyed for the presence of ACMs because the structures were built prior to 1980. **DESCRIPTION OF REQUIREMENT:** A facility survey shall be performed to determine the presence or absence of ACMs in the structures identified for demolition or remodel on the approved plan set. Suspect materials that will be disturbed by the demolition activities shall be sampled and analyzed for asbestos content, or assumed to be asbestos containing. The survey shall be conducted by a person certified by Cal/OSHA pursuant to regulations implementing subdivision (b) of Section 9021.5 of the Labor Code, and shall have taken and passed an EPA-approved Building Inspector Course.

- a. If ACMs are found present, they shall be handled and remediated in compliance with the San Diego County Air Pollution Control District Rule 361.145 – Standard for Demolition and Renovation.

**DOCUMENTATION:** The applicant shall submit to the [*DEH HAZ MAT, APCD*] a signed, stamped statement from the person certified to complete the facility survey indicating that the survey has been completed and that either regulated asbestos is present or absent. If regulated asbestos is present, the letter shall describe the procedures taken to remediate the hazard and certify that they have been remediated pursuant to code sections referenced above. **TIMING:** Prior building permit, the applicant shall comply with this condition. **MONITORING:** The [*DEH HAZ MAT, APCD*] shall review the report and any additional evidence for compliance with this condition. The [*PDS, PCC*] shall review the completed and stamped report and any additional evidence for compliance with this condition.

### **HAZ #3–STRUCTURE REMOVAL [PDS, FEE]**

**INTENT:** In order to comply with the proposed project design for the Cottonwood Sand Mine Major Use Permit, PDS20xx-MUP-xx-xxx, the structures identified on the approved Major Use Permit set shall be demolished. **DESCRIPTION OF REQUIREMENT:** The structures, as shown on the approved plan set, shall be removed or demolished. A Demolition Permit shall be obtained from [*PDS, BD*]. Compliance with conditions HAZ #XX and HAZ #XX to determine the presence or absence of Lead Containing Materials and Asbestos Containing Materials shall be completed before the County can issue a Demolition Permit. **DOCUMENTATION:** The applicant shall submit to the [*PDS, PCC*] a signed stamped statement from a registered professional; Engineer, Surveyor, Contractor, which states, that the structures have been removed or demolished. The letter report shall also include before and after pictures of the area and structure. **TIMING:** Prior building permit, the applicant shall comply with this condition. **MONITORING:** The [*PDS, PCC*] shall review the statement and, photos, and any additional evidence for compliance with this condition.

**ATTACHMENT M**  
**SCOPE FOR GROUNDWATER RESOURCES**

**Project Information:** Cottonwood Sand Mining Project (Project) is proposing to produce 4.8 million tons of mineral resources over a ten year period. The proposed project site is currently in use as a golf course in Jamacha Valley in San Diego County. The following detailed water demand information is needed to aid staff in determining whether a groundwater investigation is required. The groundwater investigation could include a water balance analysis, aquifer tests and well interference analysis, and a potentially a groundwater monitoring and mitigation plan.

**Detailed Water Demand:** The project description provides data regarding current and future water demand. Please provide backup documentation to justify the historical water usage reported in the project description at the project site. Provide a detailed account of future water needs by phase and intended use (golf course irrigation, aggregate washing, etc.). In addition, please indicate which wells will be providing groundwater to the project and golf course along with anticipated groundwater extraction quantities by phase.

The project will be excavating within the Sweetwater River channel. Please document any recorded historical groundwater levels from wells located within the proposed excavation area. The water levels should be compared to the proposed excavation depths to determine whether groundwater could be exposed during excavation. In particular, wet years when there are reservoir overtopping events upstream could result in shallow groundwater conditions. Exposed groundwater can lead to significant evaporative losses. The potential evaporative losses, if any, are required to be quantified.

***Potential Project Issues:***

1. **Altered Hydrogeologic Conditions:** The project is proposing to excavate mineral resources within a shallow alluvial valley. Excavation below the water table may occur which may alter the hydrogeologic conditions and result in evaporative losses of groundwater. The potential for evaporative losses needs to be quantified to determine any potential groundwater investigation requirements. Additionally, excavation is proposed to occur in a stream channel that is used to transfer water from Loveland Reservoir to Sweetwater Reservoir under the supervision of Sweetwater Authority. It is recommended to coordinate with Sweetwater Authority early in the process to determine any issues or requirements.
2. **Groundwater Dependent Habitat:** The project will be required to determine whether there is any vegetation that could be groundwater dependent near the proposed production well(s). Guideline 4.2.C from the Biological Guidelines for Determining Significance contains the threshold for determining a significant impact to riparian habitat or a sensitive natural community. Any vegetation found to be groundwater dependent may need to be evaluated for potential biological impacts from proposed groundwater extraction.

***WELL DESTRUCTION PERMIT***

Project Specific Information: Groundwater wells are present on the project site.

General Information: Planning and Development Services (PDS) has determined that the project site will require a Well Destruction Permit for any wells not be used as part of this project. To apply for a well destruction permit, please contact the Department of Environmental Health (DEH) Land and Water Quality Division at (858) 565-5173. DEH can also provide the current fee that is required to be collected for the permit. The permit must be obtained by a C57 Licensed Contractor who is listed on the DEH approved Well Driller's List at: [http://www.sdcounty.ca.gov/deh/water/docs/lu\\_well\\_drillers\\_4-24-08.pdf](http://www.sdcounty.ca.gov/deh/water/docs/lu_well_drillers_4-24-08.pdf)

A formal letter from the DEH must be submitted to PDS identifying either that the permit has been approved OR is in the process of approval. In addition, prior to the approval of any grading, improvement plans or prior to the recordation of the Final Map, whichever comes first, proof of completion of the well destruction will be conditioned within this permit.

**The [Memorandum of Understanding](#) must be executed by the applicant and consultant and subsequently submitted with the first iteration review.**

**ATTACHMENT N**  
**SCOPE FOR MINERAL RESOURCES**

Portions of the land within the project site have been classified as MRZ-2 and MRZ-3, and are underlain by alluvium. Based on the site's geologic environment, the mineral resources that are not mined as part of this project may be of value to the region and the residents of the state.

To evaluate if the project will result in the permanent loss of availability of a known mineral resource, and whether the loss would be considered significant under CEQA, a mineral resources report is required. The report shall be prepared using the County's approved Guidelines for Determining Significance and Report Format and Content Requirements for Mineral Resources which can be found on the World Wide Web at [http://www.sdcounty.ca.gov/PDS/docs/Mineral\\_Resources\\_Guidelines.pdf](http://www.sdcounty.ca.gov/PDS/docs/Mineral_Resources_Guidelines.pdf) (Guidelines) and [http://www.sdcounty.ca.gov/PDS/docs/Mineral\\_Resources\\_Report\\_Formats.pdf](http://www.sdcounty.ca.gov/PDS/docs/Mineral_Resources_Report_Formats.pdf) (Report Formats).

**The [Memorandum of Understanding](#) must be executed by the applicant and consultant and subsequently submitted with the first iteration review.**

Please contact Leanne Crow, Hydrogeologist, at 858-495-5514 if you have any questions regarding these comments.

## **ATTACHMENT O SCOPE FOR NOISE ANALYSIS**

### Project Specific Information:

The project consists of a Major Pre-Application for the Cottonwood Sand Mining. It proposes to perform a sand mining operation located in what is currently being used as an 18-hole golf course. The surrounding properties include noise-sensitive land uses and sensitive habitat. The project is expected to be completed within four phases over an extended period. Reclamation would follow upon completion of mining operations. The proposed project would produce 4.8 million cubic yards (5.8-million tons) of mineral resources and would have a maximum production limit of 785,000-tons (523,000 cubic yards) of construction grade aggregate per calendar year. As mining is completed in phases, the site will be progressively reclaimed and restored. The combined mineral extraction and reclamation project will affect approximately 250 acres of 280 acres in the Jamacha Valley. Both temporary construction equipment operations to grade and prep the site along with on-going mining operations must be assessed to demonstrate Noise Ordinance compliance and General Plan Noise Element conformance. The proposed mining operation is subject to the one-hour average 75 dBA property line requirement pursuant to the County Noise Ordinance, Section 36.404. Combined noise levels from the mining/extractive uses and additional truck traffic has a potential to expose off-site existing residences to direct and cumulative noise impacts.

Based on the above information, an acoustical (noise) study for this project is required. The noise study must evaluate mining operations consisting of (but not limited to) loaders, haul trucks, graders, excavators, aggregate processing plant operations, and any other substantial on-site exterior noise generators on-site. These sources and any operations conducted during the weekend and outside daytime hours must demonstrate they comply with the sound level limits of the County Noise Ordinance Sections 36.404, 408, 409, and 410.

The analysis shall follow the County's Guidelines for Determining Significance for Noise available online at <http://www.sdcounty.ca.gov/PDS/docs/Noise-Guidelines.pdf> and the Report Format and Content Requirements for noise available online at <http://www.sdcounty.ca.gov/PDS/docs/Noise-Report-Format.pdf>.

### Noise Element:

Noise exposure criteria are incorporated into land use planning to reduce future conflicts between noise and land use. This is achieved by specifying acceptable noise exposure ranges for various land uses throughout the County. The County uses the Noise Compatibility Guidelines listed in Table N-1 (Noise Compatibility Guidelines) to determine the compatibility of land use when evaluating proposed development projects.

The Noise Compatibility Guidelines indicate ranges of compatibility and are intended to be flexible enough to apply to a range of projects and environments. For example, a commercial project would be evaluated differently than a residential project in a rural area or a mixed-use project in a more densely developed area of the County.

A land use located in an area identified as “acceptable” indicates that standard construction methods would attenuate exterior noise to an acceptable indoor noise level and that people can carry out outdoor activities with minimal noise interference. Land uses that fall into the “conditionally acceptable” noise environment should have an acoustical study that considers the type of noise source, the sensitivity of the noise receptor, and the degree to which the noise source may interfere with sleep, speech, or other activities characteristic of the land use. For land uses indicated as “conditionally acceptable,” structures must be able to attenuate the exterior noise to the indoor noise level as indicated in the Noise Standards listed in Table N-2 (Noise Standards). For land uses where the exterior noise levels fall within the “unacceptable” range, new construction generally should not be undertaken. Please see the following tables below.

Table N-1 within the County Noise Element:

| Table N-1 Noise Compatibility Guidelines  |   | Exterior Noise Level (CNEL) |    |    |    |    |    |
|---|---|-----------------------------|----|----|----|----|----|
| Land Use Category   |   | 55                          | 60 | 65 | 70 | 75 | 80 |
| A   | Residential—single family residences, mobile homes, senior housing, convalescent homes  |                             |    |    |    |    |    |
| B   | Residential—multi-family residences, mixed-use (commercial/residential)   |                             |    |    |    |    |    |
| C   | Transient lodging—motels, hotels, resorts   |                             |    |    |    |    |    |
| D*  | Schools, churches, hospitals, nursing homes, child care facilities  |                             |    |    |    |    |    |
| E*  | Passive recreational parks, nature preserves, contemplative spaces, cemeteries  |                             |    |    |    |    |    |
| F*  | Active parks, golf courses, athletic fields, outdoor spectator sports, water recreation   |                             |    |    |    |    |    |
| G*  | Office/professional, government, medical/dental, commercial, retail, laboratories   |                             |    |    |    |    |    |
| H*  | Industrial, manufacturing, utilities, agriculture, mining, stables, ranching, warehouse, maintenance/repair   |                             |    |    |    |    |    |
|  | ACCEPTABLE—Specified land use is satisfactory, based upon the assumption that any buildings involved are of normal construction, without any special noise insulation requirements.   |                             |    |    |    |    |    |
|  | CONDITIONALLY ACCEPTABLE—New construction or development should be undertaken only after a detailed noise analysis is conducted to determine if noise reduction measures are necessary to achieve acceptable levels for land use. Criteria for determining exterior and interior noise levels are listed in Table N-2, Noise Standards. If a project cannot mitigate noise to a level deemed Acceptable, the appropriate county decision-maker must determine that mitigation has been provided to the greatest extent practicable or that extraordinary circumstances exist. |                             |    |    |    |    |    |
|  | UNACCEPTABLE—New construction or development shall not be undertaken.   |                             |    |    |    |    |    |

\* Denotes facilities used for part of the day; therefore, an hourly standard would be used rather than CNEL (refer to Table N-2).

*Note: For projects located within an Airport Influence Area of an adopted Airport Land Use Compatibility Plan (ALUCP), additional Noise Compatibility Criteria restrictions may apply as specified in the ALUCP.*

Excerpts from Table N-2 within the County Noise Element

1. The exterior noise level (as defined in Item 3) standard for Category A shall be 60 CNEL, and the interior noise level standard for indoor habitable rooms shall be 45 CNEL.
2. The exterior noise level standard for Categories B and C shall be 65 CNEL, and the interior noise level standard for indoor habitable rooms shall be 45 CNEL.

3. The exterior noise level standard for Categories D and G shall be 65 CNEL and the interior noise level standard shall be 50 dBA Leq (one hour average).
4. For single-family detached dwelling units, "exterior noise level" is defined as the noise level measured at an outdoor living area which adjoins and is on the same lot as the dwelling, and which contains at least the following minimum net lot area:
  - (i) for lots less than 4,000 square feet in area, the exterior area shall include 400 square feet,
  - (ii) for lots between 4,000 square feet to 10 acres in area, the exterior area shall include 10 percent of the lot area;
  - (iii) for lots over 10 acres in area, the exterior area shall include 1 acre.
5. For all other residential land uses, "exterior noise level" is defined as noise measured at exterior areas which are provided for private or group usable open space purposes. "Private Usable Open Space" is defined as usable open space intended for use of occupants of one dwelling unit, normally including yards, decks, and balconies. When the noise limit for Private Usable Open Space cannot be met, then a Group Usable Open Space that meets the exterior noise level standard shall be provided. "Group Usable Open Space" is defined as usable open space intended for common use by occupants of a development, either privately owned and maintained or dedicated to a public agency, normally including swimming pools, recreation courts, patios, open landscaped areas, and greenbelts with pedestrian walkways and equestrian and bicycle trails, but not including off-street parking and loading areas or driveways.
6. For non-residential noise sensitive land uses, exterior noise level is defined as noise measured at the exterior area provided for public use.
7. For noise sensitive land uses where people normally do not sleep at night, the exterior and interior noise standard may be measured using either CNEL or the one-hour average noise level determined at the loudest hour during the period when the facility is normally occupied.
8. The exterior noise standard does not apply for land uses where no exterior use area is proposed or necessary, such as a library.
9. For Categories E and F the exterior noise level standard shall not exceed the limit defined as "Acceptable" in Table N-1 or an equivalent one-hour noise standard.

Note: Exterior Noise Level compatibility guidelines for Land Use Categories A-H are identified in Table N-1, Noise Compatibility Guidelines.

In addition, the County has adopted community noise control standards as part of the County's Noise Abatement and Control Ordinance (County Code of Regulatory Ordinances, Title 3, Division 6, Chapter 4) and provides guidance for implementation of the County's noise policies and ordinance in the County's *California Environmental Quality Act* (CEQA) Guidelines for Determining Significance for Noise. The Noise Ordinance defines limits for activities that generate excessive noise and sets noise level limits for land uses. The County's CEQA significance guidelines provide guidance on the use of the General Plan Noise Element and the County Noise Abatement and Control Ordinance when considering the environmental impact of noise exposure to high or excessive noise levels.

#### Noise Ordinances:

A preliminary review of the project information provided indicates that there is insufficient information to determine whether permanent equipment and operations on-site will exceed sound level limits of the San Diego County Noise Ordinance (Section 36.404). The County Noise Ordinance does not permit noise levels that impact adjoining properties or exceed County Noise Standards. The project site would operate as a mine and is subject to an operational noise level of 75 dBA at the project property lines. In order for the Department to make a determination on the project's conformance with County noise standards, the applicant must demonstrate that the hourly average sound levels do not exceed this threshold at the property line, as the most stringent Ordinance condition for the project.

The one-hour average sound level limit applicable to extractive industries, however, including but not limited to borrow pits and mines, shall be 75 decibels at the property line regardless of the zone in which the extractive industry is located.

A preliminary review of the project information provided indicates that there is insufficient information to determine whether temporary construction equipment and operations on-site will exceed sound level limits of the San Diego County Noise Ordinance (Sections 36.408 and 36.409):

#### Section 36.408

Except for emergency work, it shall be unlawful for any person to operate or cause to be operated, construction equipment:

- (a) Between 7 p.m. and 7 a.m.
- (b) On a Sunday or a holiday. For purposes of this section, a holiday means January 1st, the last Monday in May, July 4th, the first Monday in September, December 25th and any day appointed by the President as a special national holiday or the Governor of the State as a special State holiday. A person may, however, operate construction equipment on a Sunday or holiday between the hours of 10 a.m. and 5 p.m. at the person's residence or for the purpose of constructing a residence for himself or herself, provided that the operation of construction equipment is not carried out for financial consideration or other consideration of any kind and does not violate the limitations in sections 36.409 and 36.410.

Section 36.409

- Except for emergency work, it shall be unlawful for any person to operate construction equipment or cause construction equipment to be operated, that exceeds an average sound level of 75 decibels for an eight-hour period, between 7 a.m. and 7 p.m., when measured at the boundary line of the property where the noise source is located or on any occupied property where the noise is being received. Amended by Ord. No. 9962 (N.S.), effective 1-9-09.

Section 36.410

A preliminary review of the project information provided indicates that there is insufficient information to determine whether impulsive construction equipment operations on-site will exceed sound level limits of the San Diego County Noise Ordinance):

- (a) Except for emergency work or work on a public road project, no person shall produce or cause to be produced an impulsive noise that exceeds the maximum sound level shown in [Table 36.410A](#), when measured at the boundary line of the property where the noise source is located or on any occupied property where the noise is received, for 25 percent of the minutes in the measurement period, as described in subsection (c) below. The maximum sound level depends on the use being made of the occupied property. The uses in [Table 36.410A](#) are as described in the County Zoning Ordinance.

**TABLE 36.410A.  
MAXIMUM SOUND LEVEL (IMPULSIVE) MEASURED AT OCCUPIED PROPERTY IN  
DECIBELS (dBA)**

| OCCUPIED PROPERTY USE                      | DECIBELS (dBA) |
|--|----------------|
| Residential, village zoning or civic use   | 82             |
| Agricultural, commercial or industrial use | 85             |

- (b) Except for emergency work, no person working on a public road project shall produce or cause to be produced an impulsive noise that exceeds the maximum sound level shown in [Table 36.410B](#), when measured at the boundary line of the property where the noise source is located or on any occupied property where the noise is received, for 25 percent of the minutes in the measurement period, as described in subsection (c) below. The maximum sound level depends on the use being made of the occupied property. The uses in [Table 36.410B](#) are as described in the County Zoning Ordinance.

**TABLE 36.410B  
MAXIMUM SOUND LEVEL (IMPULSIVE) MEASURED AT OCCUPIED PROPERTY IN  
DECIBELS (dBA) FOR PUBLIC ROAD PROJECTS**

| OCCUPIED PROPERTY USE                      | dB(A) |
|--|-------|
| Residential, village zoning or civic use   | 85    |
| Agricultural, commercial or industrial use | 90    |

- (c) The minimum measurement period for any measurements conducted under this section shall be one hour. During the measurement period a measurement shall be conducted every minute from a fixed location on an occupied property. The measurements shall measure the maximum sound level during each minute of the measurement period. If the sound level caused by construction equipment or the producer of the impulsive noise exceeds the maximum sound level for any portion of any minute, it will be deemed that the maximum sound level was exceeded during that minute.

(Added by Ord. No. 9962 (N.S.), effective 1-9-09)

To determine conformance to the County Noise Ordinance, a noise study is required and it is essential that this component of this analysis include the following information:

Permanent Noise Sources:

- (1). Manufacturers Spec Sheet and/or field measurements for all noise producing equipment on-site that identifies the ARI standard and/or decibel (dBA) per range. It is important to note that all noise producing sources must be included.
- (2). Field measurements and/or noise source data for all noise producing operations and activities on-site that identifies a decibel (dBA) per range. It is important to note that all noise producing sources must be included.
- (3). Inclusion of plans that identify the site location of all noise sources in relation to property lines. Discuss the worst-case noise source to property line distances (in feet). It is essential to address all potential noise sources on-site and to include a discussion related to openings within all surrounding walls or fences, such as driveways, fencing and gates.
- (4). Include a detailed noise analysis of operational noise for each option that is currently under consideration.
- (5). Include a noise analysis of project-generated traffic assuming the expected breakdown of automobiles, medium, and heavy trucks.
- (6). Hours of operation and activity level at each hour.

- (7). Demonstrate that the proposed on-going mining operations and activities would comply with the property line sound level limits per County noise standards.
- (8). Include any recommended design features and mitigation measures if required to demonstrate compliance with the County Noise Ordinance, Section 36.404.

Temporary Construction Equipment Operations (Site Preparation that is Not Related to the Daily Mining Operations :

- (9). Manufacturers Spec Sheet and/or field measurements for all construction equipment that identifies a decibel (dBA) per range. It is important to note that all noise producing sources must be included.
- (10). Additional plot plans that identifies the site location of all construction equipment noise sources in relation to property lines. It is essential to address all potential construction equipment noise sources on-site.
- (11). Identify all existing occupied property/structures adjacent to the boundary of the project site.
- (12). Include the schedule of the grading activities, phasing and preparation of the project site.
- (13). Include a detailed noise analysis of construction noise for each option that is currently under consideration.
- (15). Address construction noise impacts to potential nearby noise-sensitive habitats and species.
- (14). Include a noise analysis of project-generated construction traffic assuming the expected breakdown of automobiles, medium, and heavy trucks.
- (15). Address the associated cut and fill of materials, and specify whether the operations of general construction equipment and/or impulsive construction equipment are proposed (e.g. drill rigs, rock crushers, hoe rams, etc).
- (16). Include any recommended design features and/or temporary construction/demolition mitigation measures if required to demonstrate compliance with County Noise Ordinance, Section 36.409.

General information: A noise analysis is needed to determine whether or not noise levels exceed San Diego County standards. Noise analysis shall occur when the project is adjacent to heavily traveled roads, railroad tracks, airports, or heavy industrial operations. Noise analysis may also be required for a project that generate high levels of noise either through activities directly

associated with the proposal or major increases in traffic generated by the proposal (direct and cumulative impacts).

If the noise impacts are associated with traffic movements, airports, or other transportation activities, a noise analysis shall utilize field measurements and projected transportation noise levels to determine the potential for impacts to present and future residents of the project. The noise analysis must conform to the Noise Element of the San Diego County General Plan.

If the noise impacts are associated with activities on the site, such as rock crushing or some other proposed activity, the noise analysis shall include estimates of noise generation potential from the site utilizing measurements from similar activities that are already in existence. The noise analysis must conform to the San Diego County Noise Ordinance.

**The attached [Memorandum of Understanding](#) must be executed by the applicant and consultant and subsequently submitted with the first iteration review.**

**ATTACHMENT P**  
**SCOPE FOR GREENHOUSE GAS ANALYSIS**

**Project Specific Information:** The proposed project has the potential to result in substantial greenhouse gas (GHG) emissions from mining and reclamation activities. Therefore, the project is required to discuss the potential impacts to global climate change and complete a Greenhouse Gas Analysis Report (Report).

At this time, the County does not have enough information to properly assess alternative options for processing and shipping materials. Thus, the Report should focus on the proposed project. As more information becomes available, the County may ask for additional analysis to be conducted for these other project options.

**General Information:** Based on the potential impacts the project may have on global climate change, a GHG analysis is required.

The County has adopted a Climate Action Plan (CAP) that outlines measures to reduce GHG emissions. Because of the unique nature of the project, CAP measures may not be applicable to the project. Therefore, the applicant should consult with County staff to determine the appropriate threshold for the project and if further analysis and identification of project design features or potential mitigation measures is required.

Due to the unique nature of the proposed project, construction and operational activities may not be distinctly different, and thus, may not need to be discussed separately. Therefore, the Report should focus on identifying all potential impacts associated with project activities over the proposed 12-year period of mining and reclamation activities. If there are site preparation or construction activities anticipated at initiation of the project, those should be analyzed as well.

Emissions of pollutants of concern from the proposed project may occur from mining and reclamation activities. In general, GHG emissions would result from onsite and offsite vehicle use (e.g., on-road, off-road). Additionally, emissions associated with transport of necessary materials, including waste export, water import, or any other traffic associated with activities, must be included in the analysis. Onsite energy requirements including administration buildings, lighting, and water use shall be quantified. The project includes a reclamation phase that would result in additional vegetation. GHG benefits may be evaluated from any increases in vegetation, while also considering losses from removal of vegetation.

The following issues should be addressed as part of the GHG analysis:

1. Would the proposed project generate GHG emissions that could contribute substantially to global climate change?
2. Would implementation of the proposed project interfere with the GHG reduction goals in California (e.g., Assembly Bill 32, Senate Bill 32)?

Mitigation measures shall be included to reduce any identified potentially significant impacts. The Report shall also include a discussion of the level of mitigation achieved by the proposed

mitigation, including quantification or substantial evidence where appropriate, to show how mitigation reduces identified impacts.

**The attached [Memorandum of Understanding](#) must be executed by the applicant and consultant and subsequently submitted with the first iteration review.**