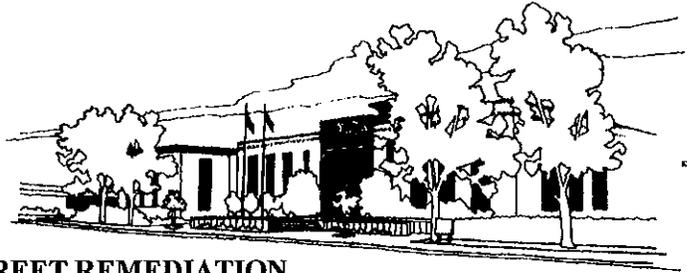


City of San Leandro
Civic Center, 835 E. 14th Street
San Leandro, California 94577



**14901 EAST 14TH STREET REMEDIATION
PROJECT NO. 11-962-39-022**

ADDENDUM NO. 2

August 9, 2011

TO: All Prospective Bidders

The additions and/or deletions contained in this Addendum shall be made a part of the plans and specifications and contract documents for the above described project, and shall be subject to all applicable requirements thereunder, as if originally shown and/or specified.

THE CONTRACT BOOK SHALL BE REVISED AS FOLLOWS:

SPECIFICATIONS

Item 2.01 PROPOSAL TO THE CITY OF SAN LEANDRO – Replace **Contract Price Schedule** on page 14 with revised, herein attached, titled “**CONTRACT PRICE SCHEDULE – ADDENDUM No. 2**”

Note: Prospective contractors shall submit the **CONTRACT PRICE SCHEDULE – ADDENDUM No. 2** with their bid.

Item 2.02 Section 2-5.3.3 SHOP DRAWINGS – Add the following item of work or component: **Dewatering System**

Item 2.03 Section 3-2.1.1 CHANGES INITIATED BY THE CITY – Replace with the following:

Changes greater or less than 25 percent (25%) of the total cost of the following contract items may be made by the City without adjustment in the contract unit prices:

Bid Item No.	Description
2	Excavation, Segregation & Stockpile
3	Sheeting, Shoring and Bracing
4	Class II Debris Offhaul & Disposal
4a	Class I Debris Offhaul & Disposal
5	Imported Clean Fill
6	Drain Rock
7	Backfill & Compact

Item 2.04 Section 7-5 PERMITS – Following is added to PERMITS and is required to be obtained by the Contractor:

Oro Loma Sanitary District – Special Wastewater Discharge Permit

Stephen H. Cassidy, Mayor

City Council: Pauline Russo Cutter Michael J. Gregory Jim Prola
Ursula Reed Diana M. Souza Joyce R. Starosciak



Item 2.05 **Section 02200 – EARTHWORK, Part 2 – Execution, 1.4. Control of Water and Dewatering, Item A**
– Replace the following paragraphs with the following:

2. Subsequent to allowing sufficient time for the settling of sediment within the Baker Tank, or approved equivalent, the groundwater will be treated through a temporary groundwater treatment system prior to discharge into the Oro Loma Sanitary District sanitary sewer. Contractor shall provide the groundwater treatment system.

4. Contractor shall obtain the Oro Loma Sanitary District – Special Wastewater Discharge Permit.

5. Water samples shall be collected and tested by the Contractor in accordance with the requirements of Oro Loma Sanitary District. In the event that concentrations of chemicals of concern or physical parameters (i.e. turbidity) are reported at levels exceeding the Oro Loma Sanitary District discharge requirements, the Contractor shall cease discharge to the sanitary sewer, and replace the treatment system components, at the Contractor's expense. The Engineer shall be notified.

Oro Loma Sanitary District Permit Conditions, herein attached, titled "Oro Loma Sanitary District Permit Conditions" is for reference only. Contractor shall contact Oro Loma Sanitary District to obtain the latest Permit, applicable fees, and allowed discharge volume.

Contact Information

Rodney Smith
Industrial Waste Inspector
Oro Loma Sanitary District
2600 Grant Avenue
San Lorenzo, CA 94580-1838
Direct Line (510) 481-6971
rsmith@oroloma.org

Item 2.06 **Section 02200 – EARTHWORK, Part 2 – Execution, 1.8. Backfill, Item C** – Replace the following paragraphs with the following:

C. Imported clean fill material shall conform to the following:

ASTM D2487 soil classification groups GW, GP, GM, SW, SP and SM; material free of rock or gravel larger than 2 inches in any dimension, debris, waste, frozen materials, vegetation, and other deleterious matter.

Imported fill materials shall have the following limits for metals:

Arsenic – 5 mg/kg
Chromium – 50 mg/kg
Lead -- 50 mg/kg

All other chemicals shall be 50% of their respective RWQCB Residential Land Use values. RWQCB Environmental Screening Levels is herein attached, titled as "Table A. Environmental Screening Levels (ESL)"

Item 2.07 **Section 02200 – EARTHWORK, Part 2 – Execution, 1.9. Compaction** – Add the following paragraph:

Backfill 5' below finish grade shall be compacted to 90% RC min. The top 5' shall be mechanically compacted in 6" maximum lifts to 95% RC.

Contractor shall be responsible for quality control to ensure compliance to the above requirements. Compaction testing perform by the City is for quality assurance only.

Item 2.08 **Section 02283 – TRANSPORTATION AND DISPOSAL, Part 1 – GENERAL, 1.1. SCOPE** – Add the following:

C. The Contractor shall provide the soil disposal classification profiling report to the Engineer.

Item 2.09 **Section 02283 – TRANSPORTATION AND DISPOSAL, Part 3 – Execution, 1.6. MEASUREMENT AND PAYMENT** – Replace the paragraph with the following:

1.6. MEASUREMENT AND PAYMENT – Class I and Class II Debris Offhaul & Disposal

The Contract Unit Price paid per ton for **Class II Debris Offhaul & Disposal, Bid Item No. 4** shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all work involved in **Section 02283** for offhauling and disposing Class II debris and no additional compensation will be made therefore.

The Contract Unit Price paid per ton for **Class I Debris Offhaul & Disposal, Bid Item No. 4a** shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all work involved in **Section 02283** for offhauling and disposing Class I debris and no additional compensation will be made therefore.

PLANS

Item 2.10 **Drawing Sheet 2, DWG No. 3658, CASE No. 901** – Add the following sentence to **NOTES TO THE CONTRACTOR**:

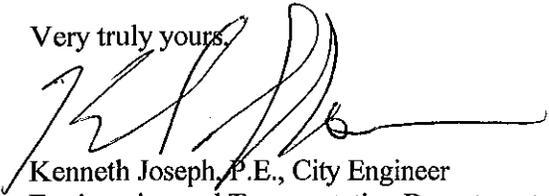
8. The minimum height from existing sidewalk to PG&E's primary conductors adjacent to Excavation C is approximately 46 feet. The Contractor shall comply with OSHA's high-voltage conductor clearance requirement.

PLEASE NOTE:

The Bid Opening Date has been changed from Wednesday, August 17, 2011 to Thursday, August 25, 2011 at 3:00 P.M.

Acknowledge this addendum and include a signed copy of the Acknowledgement Form in your Proposal. If you have any questions, please call the Project Engineer, Nelson Lam, at (510)577-3375.

Very truly yours,



Kenneth Joseph, P.E., City Engineer
Engineering and Transportation Department
kjoseph@sanleandro.org
www.sanleandro.org

KJ:tar

Enclosure: CONTRACT PRICE SCHEDULE – ADDENDUM NO.2
ORO LOMA SANITARY DISTRICT PERMIT CONDITIONS
TABLE A. ENVIRONMENTAL SCREENING LEVELS (ESLs)

ACKNOWLEDGEMENT ADDENDUM NO. 2

(Include a signed copy of this form in your proposal)

I hereby acknowledge receipt of this Addendum for the above noted project.

(Signature) Date: _____

(Business Name – Please Print)

cc: Internal Plans & Specs Distribution List
COSL Current Plan-holders

CONTRACT PRICE SCHEDULE – ADDENDUM No.2

Item No.	Description	Estimated Quantity (A)	Unit of Measure	Item UNIT Price (in Words)	Item UNIT Price (in Figures) (B)	TOTAL PRICE (in Figures) (AxB)
1.	Mobilization	1	LS	_____	_____	_____
2.	Excavation, Segregation & Stockpile	1,450	CY	_____	_____	_____
3.	Sheeting, Shoring and Bracing	1	LS	_____	_____	_____
4.	Class II Debris Offhaul & Disposal	400	TN	_____	_____	_____
4a.	Class I Debris Offhaul & Disposal	400	TN	_____	_____	_____
5.	Imported Clean Fill	750	CY	_____	_____	_____
6.	Drain Rock	55	TN	_____	_____	_____
7.	Backfill & Compact	1,450	CY	_____	_____	_____

TOTAL BID: _____
(In Words)

TOTAL BID: _____
(In Figures)

ORO LOMA SANITARY DISTRICT PERMIT CONDITIONS

PART I GENERAL

1. **Definitions** See Section 1.2 Ordinance No. 39-9 attached.
2. **General** The user shall comply with all the general prohibitive discharge standards in Article II: Regulations of Ordinance No. 39-9.
3. **Right of Entry** Ready and immediate access to the facility, the pretreatment area and the sampling points shall be provided to District personnel at all times.
4. **Records Retention.** The user shall retain and preserve for no less than three (3) years any records, books, documents, memoranda, reports, correspondence and any and all summaries thereof, relating to monitoring, sampling and chemical analyses made by, or on behalf of the User in connection with its discharge. Records shall be made available for inspection and copying by representatives of the District, the California Regional Water Quality Control Board or the United States Environmental Protection Agency (E.P.A.). All records that pertain to matters that are the subject of special orders or any other enforcement or litigation activities brought by the District shall be retained and preserved by the User until all enforcement activities have concluded and all periods of limitation with respect to any and all appeals have expired.
5. **Confidential Information** Except for data determined to be confidential under the provisions of Ordinance No. 39-9, all reports required by this permit shall be available for public inspection at the District Office, 2600 Grant Avenue, San Lorenzo, California 94580.
6. **Time Schedules.** Time schedules for achieving compliance which are required through a notice of violation, administrative or judicial order, or any other written correspondence from the District are deemed to be a condition of the permit.
7. **Signatory Requirement.** All reports required by this permit shall be signed by an authorized representative of the permittee or his designee, as defined in Ordinance No. 39-9.
8. **Revocation of Permit.** The permit issued to the user by the District may be revoked when, after inspection, monitoring or analysis, it is determined that the discharge of wastewater to the sanitary sewer is in violation of Federal, State or local laws, ordinances, or regulations. Additionally, falsification or intentional misrepresentation of data or statements pertaining to the permit application or any other required reporting form shall be cause for permit revocation.

PERMIT CONDITIONS

PART I GENERAL

9. **Limitation of Permit Transfer.** Wastewater discharge permits are issued to a specific user for a specific operation and are not assignable to another user or transferable to any other location without the prior written approval of the District. Sale by a User shall obligate the purchaser to seek prior written approval of the District for continued discharge to the sewerage system and issuance of new permit.

10. **Falsifying Information or Tampering with Monitoring Equipment.** Knowingly making any false statement on any report or other document required by this permit, or knowingly rendering any monitoring device or method inaccurate may result in punishment in accordance with District Ordinance No. 39-9 or other applicable laws.

11. **Modification or Revision of the Permit.** The terms and conditions of this permit may be subject to modification by the District at any time as limitations or requirements as identified in the District Ordinance No. 39-9 are modified, or if other just cause exists.

This permit may also be modified to incorporate special conditions resulting from the issuance of a special order by an agency which regulates the District's discharge.

The terms and conditions may be modified as a result of Environmental Protection Agency promulgating a new federal pretreatment standard.

Any permit modifications which result in new conditions in the permit shall include a reasonable time schedule for compliance, if necessary.

12. **Duty to Reapply** Within thirty (30) days of the notification, the user shall reapply for re-issuance of the permit on a form provided by the District.

13. **Severability** The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provisions to other circumstances and the remainder of this permit shall not be affected thereby.

14. **Property Rights** The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any invasion of personal rights, nor any infringement of Federal, State or Local regulations.

PERMIT CONDITIONS

PART I GENERAL

15. **Permit Duration** The wastewater discharge permit will remain in effect for **one year** from the effective date of the permit unless otherwise stated upon permit issuance. Users who are issued a wastewater discharge permit or renew a wastewater discharge permit shall pay the permit fee set forth in the current schedule of fees as adopted in the most current resolution for Sewer Service Charges for All Classes of Customers, currently Resolution number 3536.

PERMIT CONDITIONS

PART 2 DISCHARGE REQUIREMENTS

1. Maintenance of Pretreatment Equipment and Monitoring Systems

- a. The waste treatment system shall be kept in a fully operational condition at all times. This includes maintaining adequate chemical supplies for treating wastewater, proper calibrations of all instrumentation (pH meters, etc.) and proper removal of sludges and unacceptable wastes. A qualified operator of the system shall be available to maintain the pretreatment system during all discharge periods.
- b. The District shall be notified immediately if there are problems with the pretreatment system. Any proposed modifications to the system or the processes for pretreating the wastewater must be reviewed and approved by the District's Source Control Staff prior to implementation.

2. Discharge Limitations.

- a. The wastewater discharge shall not contain constituents in excess of the following limits, and compliance with these units shall be demonstrated at the sampling location specified in Part 3 of this Permit.

<u>Parameter</u>	<u>Symbol</u>	<u>Limit for any one Sample</u>
Arsenic	As	0.8 mg/L
Cadmium	Cd	0.2 mg/L
Copper	Cu	1.9 mg/L
Cyanide	Cn	1.0 mg/L
Lead	Pb	1.0 mg/L
Mercury	Hg	0.01 mg/L
Nickel	Ni	1.0 mg/L
Selenium	Se	1.0 mg/L
Silver	Ag	0.8 mg/L
Total Chromium	Cr	2.0 mg/L
Zinc	Zn	3.0 mg/L
Phenolic compounds		70 mg/L
Oil and Grease (Mineral)		100 mg/L
Oil and Grease (Animal/Vegetable)		300 mg/L
pH		5.5 to 12.5 units
Temperature		No higher than 150 deg. F

PERMIT CONDITIONS

PART 2 DISCHARGE REQUIREMENTS

Discharge Limitations

- b) The permittee shall comply with all limits, prohibitions and requirements set forth in this permit and in Ordinance No. 39-9. Wastewater strength limits for constituents not listed above may be established based upon available treatment technology, existing wastewater conditions in the District's facilities or other factors as determined by the District.
- c) Should Federal Categorical Standards for a particular industrial category be more stringent than the limits set forth in this permit or ordinance, the more stringent Federal limits shall apply.

3. Dilution or Bypassing

No user shall increase the use of potable or process water or, in any way, attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in this permit. User shall not divert their waste streams from the pretreatment systems.

4. Proper Disposal of Pretreatment Sludges and Spent Chemicals

The disposal of sludges and spent chemicals generated shall be done in accordance with all applicable State and Federal regulations. Copies of all Hazardous Wastes Manifests shall be maintained as part of the Records Retention Requirement Section 4.8 of Ordinance No. 39-9.

PERMIT CONDITIONS

PART 3 REPORTING REQUIREMENTS

1. **Notice to Employees** In order that employees of user be informed of District requirements, users shall make available to their employees, copies of the Districts Discharge Regulations together with other wastewater information and notices which may be furnished by the District. User shall permanently post a notice advising employees whom to call in case of spill or accidental discharge. This notice shall be posted in a prominent place.
2. **Accidental Spills or Slug Discharge** The District is requiring Accidental Spill/ Slug Discharge Control Plans for all significant industrial users as outlined in Ordinance No. 39-9 Section 2.12. The accidental spill/ slug discharge control plan shall contain, at a minimum the following elements: (A) Description of discharge practices, including non-routine batch discharges; (B) Description of stored chemicals; (C) Procedures for immediately notifying the District of slug discharges, including any discharge that would violate a prohibition under 40 CFR 403.5(b), with procedures for formal written notification discussing circumstances and remedies shall be submitted to the District within five days of the occurrence; (D) If necessary, procedures to prevent adverse impact from accidental spills, including inspection and maintenance of storage areas, handling and transfer of materials, loading and unloading operations, control of plant site run-off, worker training, building of containment structures or equipment, measures for containing toxic organic pollutants (including solvents), and / or measures and equipment for emergency response.
3. **Notification of Unanticipated Bypass** The District must be notified within 24 hours from the time of becoming aware of any unanticipated bypass that exceeds applicable pretreatment standards. A written submission shall also be provided within 5 days of the time the Industrial User becomes aware of the bypass. The written submission shall contain a description of the bypass, including exact dates and times, and, if the bypass has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate and prevent reoccurrence of the bypass. The District may waive the written report on a case by case basis if the oral report has been received within 24 hours.
4. **Notification of Significant Facility Change** The District must be notified immediately of any changes at your facility, not already addressed in your accidental spill/ slug discharge control plan requirement, which may affect the potential for a slug discharge.
5. **Notification of Changed Discharge.** The user shall notify the District of any proposed changes (permanent or temporary) to the premises, operation of the firm, quality or volume of wastewater, water usage, process, installation or removal of tanks or equipment and obtain District approval prior to implementation.

PERMIT CONDITIONS

PART 3 REPORTING REQUIREMENTS

6. **Notification of Upset.** Any upset experienced by the user of any of its treatment processes that places the user in a temporary state of noncompliance with the wastewater discharge limitations contained in this permit or other limitations specified in the District's Ordinance shall be reported to the District within 24 hours of first awareness of the commencement of the upset. A detailed report shall be filed with the District within five days of the start of the upset.
7. **Periodic Reports of Compliance** *If required* in this permit or under Federal pretreatment regulations, all significant industrial users, both categorical and non-categorical, must submit periodic reports of continued compliance to the District. These reports are due by ***June 30 and December 31*** of each year. The content and format of these reports must be in compliance with EPA and District requirements.
8. **Hazardous Materials Notification**
 - a. The permittee shall notify the District, the E.P.A., Regional Waste Management Division Director and the California Department of Health Services in writing, of any intentional or accidental discharge of a RCRA characteristic or listed hazardous waste or material. Notification must be made within 180 days after the discharge, and must include the name and E.P.A. hazardous waste number of the material, the type of discharge, (continuous, batch or other), an identification of the hazardous constituents of the waste, an estimate of the mass and concentration in the waste stream discharge during that calendar month.
 - b. The Notification Requirement does not apply to pollutants already reported in periodic self-monitoring reports.

PERMIT CONDITIONS

PART 3 REPORTING REQUIREMENTS

7. Compliance Sampling Point

- a. The compliance sampling point will be determined after reviewing the permit application.

8 (A) Self Monitoring: General Requirements

In addition to self monitoring required elsewhere in this permit, the following conditions must be met:

1. All samples and measurements must be representative of the waste stream and taken under normal discharging conditions when monitored pollutants are likely to be present. Samples collected to determine compliance with Federal point Source Wastewater Discharge limitations must be taken immediately downstream from the pretreatment facilities. If no pretreatment is performed the samples must be taken immediately downstream from the regulated process, before the process wastewater combines with sanitary or other diluting water streams (non-contact cooling water, boiler blow down, etc.).
2. Sampling performed for periodic reports of continued compliance must be collected, processed, stored, analyzed and reported in compliance with EPA and District requirements.
3. All monitoring information and records must be retained for at least three years from the date of the sample, measurement, or report. This information must be made available for inspection and copying by District personnel or a District authorized representative upon request.
4. If self monitoring indicates a violation, the permittee must notify the District within 24 hours of becoming aware of the violation and must re-sample immediately. The results of the re-sample must be submitted to the District within 30 days after becoming aware of the violation. (40 CFR 403.12 (g)(2))
5. Self monitoring required through a Notice of Violation, Administrative Order, or any other written correspondence from the District is deemed to be a condition of this permit.
6. If any pollutant is monitored more frequently than required by the District or Federal regulation, the results of this additional sampling must also be included in the Periodic Reports of Continued Compliance.

PERMIT CONDITIONS

PART 4 PENALTIES AND FEES

1. **Significant Non-Compliance** Should the District determine that the permittee is in significant non-compliance with applicable pretreatment requirements, the District will list the facility in the **Public Notice of Significant Wastewater Violations** in the largest daily newspaper in the area. This list will be published annually, but may be published more frequently at the discretion of the District.

An industrial user is in significant non-compliance if one or more of the following violations occur:

- (a) Chronic violations of wastewater discharge limits, defined as those in which sixty-six percent or more of all of the measurements taken during a six-month period exceed (by any magnitude) a numerical Pretreatment Standard or Requirement, including instantaneous limits, as defined by 40 CFR 403.3(1) of the same pollutant parameter.
- (b) Technical Review Criteria (TRC) violations, defined as those in which thirty-three percent or more of all of the measurements for each pollutant parameter taken for each pollutant parameter during a six-month period equal or exceed the product of the numeric Pretreatment Standard or Requirement, including instantaneous limits, as defined by 40 CFR 403.3(1) multiplied by the applicable TRC value (TRC = 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except ph).
- (c) Any other violation of a Pretreatment Standard or Requirement as defined by 40 CFR 403.3 (l) (daily maximum, long-term average, instantaneous limit, or narrative Standard) that the District determines has caused, alone or in combination with other discharges, Interference or Pass Through (including endangering the health of District personnel or other general public).
- (d) Any discharge imminent endangerment to human health, welfare or to the environment or which has resulted in the POTW's exercise of use its emergency authorities under 40 CFR 403.8(f)(1)(vi)(B) of this section to halt or prevent such a discharge.
- (e) Failure to meet within 90 days after the schedule date, a compliance schedule milestone contained in a local control mechanism or enforcement order for starting construction, completing construction, or attaining final compliance;
- (f) Failure to provide within 45 days after the due date, required reports such as baseline monitoring reports, 90-day compliance reports, periodic self-monitoring reports, and reports on compliance with compliance schedules.

PERMIT CONDITIONS

**PART 4
PENALTIES AND FEES**

- (g) Failure to accurately report non-compliance.
- (h) Any other violation or group of violations, which may include a violation of Best Management Practices (BMPs), which the District determines will adversely affect the operation or implementation of the local pretreatment program.

2. **Civil and Criminal Liability** Any person who violates any requirements or conditions of this permit, Ordinance No. 39-9, an order of the District, or violates any cease and desist order, prohibition, effluent limitation, National Standard of Performance, pretreatment or toxicity standard shall be liable civilly for a penalty not to exceed \$25,000.00 for each day in which such violation occurs or continues. In addition to penalties, the District may recover reasonable attorney's fees and other expenses of litigation.

Any person who commits such violations is guilty of a misdemeanor and upon conviction is subject to criminal penalties of not more than \$25,000.00 and or imprisonment for not more than 30 days in the county jail.

Nothing in this permit relieves the permittee from civil and or criminal penalties for non-compliance under state or federal laws or regulations.

3. **Wastewater Charges and Fees.** The User shall pay to the District all sewer service charges; permit fees, monitoring charges and laboratory analysis charges levied in accordance with current District Ordinances. All charges are due and payable upon receipt of statement of charges. Failure to pay fees within 30 days may result in revocation of wastewater discharge permit and termination of service. Overdue fees shall be assessed a 10 percent penalty plus interest of 1.5 percent per month until fees have been paid.

1

PERMIT CONDITIONS

PART 5
Special Conditions - Groundwater Discharges

1. General

The terms and conditions set forth in this permit shall apply to ground water encountered during the excavation of under ground storage tanks on the facility address and to groundwater pumped from the facility address during the remediation phase of the project.

Discharge of other wastewater generated during this project (i.e. Decontamination wastewater or purge water) may be allowed under this permit provided a written request is provided to the District prior to discharge.

DISCHARGE OF GROUNDWATER, WASTEWATER, OR ANY OTHER SUBSTANCE GENERATED OUTSIDE THE DISTRICT'S SERVICE AREA IS PROHIBITED.

The permittee shall provide easily accessible sampling points for both pre and post-treatment samples. The District reserves the right to sample at will for any constituents it deems necessary on groundwater samples collected from either pre or post-treatment locations.

There shall be no bypassing of any treatment process or unit or direct discharge into the sewer system at any time.

The permittee assumes full responsibility for any and all damages to the collection system or to the Oro Loma/Castro Valley Treatment Plant, that can be directly attributed to the discharge of treated groundwater from the operation site.

If air stripping is part of the treatment process, the Bay Area Air Quality Control Board shall be notified of the process. If a permit is required by the Air Board, a copy of that permit and subsequent extensions shall be submitted to the District.

- 2. Point of Discharge** The point of discharge shall be established prior to discharge of any wastewater. The discharge point shall not be changed without *prior* written authorization from the District.

PERMIT CONDITIONS

PART 5

Special Conditions - Groundwater Discharges

- 3. Pre-Pumping and Emergency Notification** The permittee shall notify the District's Industrial Waste Inspector at **481-6971**, no less than twenty four (24 hours prior to commencement of any pumping activity and request an inspection of the site. No pumping shall occur until District staff have inspected the site, piping, pumping set-up, metering and discharge points.

In the event of any explosive condition or other potentially harmful situation which may affect either the collection system or the P.O.T.W., the permittee shall contact the District at **(510) 276-4700 or (510) 481-6993** immediately (operators are on duty 24 hours per day) and the local Fire Department.

- 4. Initial Sampling** During the initial three-hour start-up pumping period, the effluent discharge from the treatment process SHALL NOT be sewerred. The total volume shall be contained in a tank. The system will be shut down. A representative groundwater sample shall be collected and analyzed for constituents listed on the attached table. Further processing of the groundwater will be allowed only after laboratory analysis demonstrate that the contents of the tank meet all of the limitations set forth in this permit.

PERMIT CONDITIONS

PART 5
Special Discharge - Groundwater Discharges

Sampling Requirements

<i>Parameter</i>	<i>O.L.S.D. Limit</i>
Arsenic	0.8 mg/L
Cadmium	0.2 mg/L
Copper	1.9 mg/L
Lead	1.0 mg/L
Mercury	0.01 mg/L
Nickel	1.0 mg/L
Selenium	1.0 mg/L
Silver	0.8 mg/L
Total Chromium	2.0 mg/l
Zinc	3.0 mg/L

Additional Testing

Total Petroleum Hydrocarbons (EPA 8015)	15 mg/L
B.T.E.X. (EPA 8020)	Non-detectable
Phenols	70 mg/L
Cyanide	1.0 mg/L

General Analysis

COD	N/A
Suspended Solids	N/A
pH	5.5 to 12.5 units

PERMIT CONDITIONS

PART 5
Special Discharge - Groundwater Discharges

5. Proposed Sampling After Initial Testing

Week #1 Sampling

One week after discharge begins, a representative sample shall be collected and analyzed for Total Petroleum Hydrocarbons (TPH).

If laboratory analysis show the TPH levels are above 15 mg/L on the first week's sample, another sample will be collected for TPH immediately upon receipt of the laboratory results of the first sample.

If laboratory analysis show the TPH level is below 15 mg/L, discharge may proceed.

Monthly Sampling

When laboratory analysis confirms the TPH levels have stabilized, monthly sampling for TPH, BTEX, COD, TSS and pH (the general analysis) shall be conducted by the permittee for the duration of the pumping operation.

The permittee shall notify the District's Industrial Waste Inspector at 276-4700, no less than 24 hours prior to any sampling event to allow District personnel the opportunity to observe sampling procedures.

During the entire treatment process, the TPH concentration shall not exceed 15 mg/L. Sampling frequency will be increased if test results show discharge levels are bordering or exceed 15 mg/L for TPH.

The results of all laboratory analysis shall be transmitted to the District within three (3) days of receipt of the Laboratory Report.

PERMIT CONDITIONS

PART 5

Special Discharge - Groundwater Discharge

6. **Metering** The permittee shall submit specifications of the proposed flow meter to the District for approval. The meter must be appropriate for all anticipated conditions of flow and pressure and must include a non-resettable totalizer and fittings to allow for a "fill-up" test to verify the accuracy of the meter. This can also serve as the sampling point for discharge.

Monthly flow data will be transmitted to the District no later than the 10th of the following month.

6. **Billing and Permit Extensions** The permittee shall pay all District fees for sampling, monitoring inspections, loading charges, as well as any other related District expenses billed prior to the expiration of this permit.

The District will not consider an extension of this permit until all fees and reimbursable costs have been paid to the permittee.

7. **Fees** An annual permit fee is charged with the issuance and any subsequent renewals of this discharge permit.

Sewer service and use charges will be **charged** per hundred cubic feet of water discharged.

The annual permit fee and the charge per hundred cubic feet of water discharged are set forth in OLSD Resolution Number 3536, Sewer Service Charges for all Classes of Customers, Attachment A



**ORO LOMA SANITARY DISTRICT
SPECIAL DISCHARGE PERMIT APPLICATION**



Section I: General Condition

1. Applicant Business Name: _____

2. Applicant Address: _____

City / State / Zip: _____

3. Name of Environmental/engineering Firm Representing Applicant

4. Environmental / Engineering Firm Address

Street: _____

City / State / Zip: _____

5. Person to Contact About the Application

Name: _____ Title: _____ Date: _____

6. Person to Contact in case of Emergency

Name: _____ Title: _____

Day Phone: _____ Night Phone: _____

Certification

I certify that the information contained in this application is familiar to me and to the best of knowledge, such information is true, complete and accurate.

Signature

Date

Print Name



ORO LOMA SANITARY DISTRICT SPECIAL DISCHARGE PERMIT APPLICATION



Section II: Site Information

1. Name and Address of Remediation Site

Name: _____

Street: _____

City / State / Zip: _____

2. Discuss the nature of the problem and state the reason(s) why there is no reasonable alternative but to discharge into the wastewater system. Attach additional pages as necessary.

3. Site Description

- A) Provide a map showing the location of the site
- B) Provide a diagram showing location of all monitoring wells, treatment unit and connection point to the District sewer system.
- C) Provide copies of laboratory analysis of pollutant concentration.

4. Wastewater Flow Information

Estimated Discharge Flow Rate	_____	(gal/min)
Peak Hourly Flow Rate	_____	(gal/min)
Maximum Daily Flow Rate	_____	(gal/min)

Estimated Duration of Discharge _____

D. New Lift Stations: Should the District, after the effective date of this Ordinance, desire to approve construction of a new lift station intended to serve one or more new customers, the annual user charge for connection to that station shall be set by the Board of Directors and approved by motion. Such charges specified in the motion will be incorporated into this Ordinance at an appropriate future date.

SPECIAL SITUATIONS

Certain District commercial customers have unique situations which require billing computations based on Equivalent Dwelling Units (EDUs). In these cases, District staff determines the appropriate annual charges which are memorialized in a written agreement between the parties and approved by Oro Loma Sanitary District Board action.

SCHEDULE OF FEES FOR MONITORING AND WASTEWATER DISCHARGE PERMITS FOR FISCAL YEARS 2011-2015 (Regulated by Ordinance No. 39)

<u>User Classification</u>	<u>Annual Permit Fee *</u>	<u>Annual Monitoring Service Fee **</u>
Significant Industrial User (Categorical)	\$612 (2011)/\$630 (2012)/\$649 (2013)/\$669 (2014)/\$689 (2015)	\$7,714 (2011)/\$7,945 (2012)/\$8,183 (2013)/\$8,429 (2014)/\$8,682 (2015)
Significant Industrial User (Non-Categorical)	\$612 (2011)/\$630 (2012)/\$649 (2013)/\$669 (2014)/\$689 (2015)	\$10,152 (2011)/\$10,456 (2012)/\$10,770 (2013)/\$11,093 (2014)/\$11,426 (2015)
Intermediate Users	\$612 (2011)/\$630 (2012)/\$649 (2013)/\$669 (2014)/\$689 (2015)	\$2,615 (2011)/\$2,694 (2012)/\$2,774 (2013)/\$2,858 (2014)/\$2,943 (2015)
Minor User	\$612 (2011)/\$630 (2012)/\$649 (2013)/\$669 (2014)/\$689 (2015)	Fees to be determined
<u>Special Discharge Permit</u>		<u>Volume Discharge Fee</u>
Groundwater	\$612 (2011)/\$630 (2012)/\$649 (2013)/\$669 (2014)/\$689 (2015)	\$2.366/ccf 2011; \$2.437/ccf 2012; \$2.510/ccf 2013; \$2.585/ccf 2014; \$2.663/ccf 2015
Swimming Pools	\$153 (2011)/\$158 (2012)/\$163 (2013)/\$168 (2014)/\$173 (2015)	N/A
Other Discharges	\$72 (2011), \$74 (2012), \$76 (2013), \$79 (2014), \$81 (2015) (minimum)	Fees to be determined

Resampling/Re-Inspection Fees	
A) Grab Sample – Minimum plus actual cost of laboratory analysis + 20%	\$114 (2011), \$118 (2012), \$121 (2013), \$125 (2014), \$129 (2015)
B) Composite Samples – Minimum plus actual cost of laboratory analysis + 20%	\$229 (2011), \$236 (2012), \$243 (2013), \$250 (2014), \$257 (2015)
C) Re-Inspection (as part of ERP)	\$229 (2011), \$236 (2012), \$243 (2013), \$250 (2014), \$257 (2015)
D) Site Visit (at SIU's request)	\$153 (2011)/\$158 (2012)/\$163 (2013)/\$168 (2014)/\$173 (2015)

Notes:

* Includes application review and inspection.

** Includes all costs for sampling events, analysis, program administration and equipment.

INTEREST

The District's policy is not to pay any interest on refunds or claims connected with sewer service charges, developer deposit accounts, or other sums deposited with the District.

**Table A. Environmental Screening Levels (ESLs)
Shallow Soils (≤3m bgs)
Groundwater is Current or Potential Source of Drinking Water**

Chemical	¹ Shallow Soil		³ Groundwater (ug/L)
	² Residential Land Use (mg/kg)	Commercial/ Industrial Land Use Only (mg/kg)	
Acenaphthene	1.6E+01	1.6E+01	2.0E+01
Acenaphthylene	1.3E+01	1.3E+01	3.0E+01
Acetone	5.0E-01	5.0E-01	1.5E+03
Aldrin	3.2E-02	1.3E-01	2.0E-03
Anthracene	2.8E+00	2.8E+00	7.3E-01
Antimony	6.3E+00	4.0E+01	6.0E+00
Arsenic	3.9E-01	1.6E+00	3.6E+01
Barium	7.5E+02	1.5E+03	1.0E+03
Benzene	4.4E-02	4.4E-02	1.0E+00
Benzo(a)anthracene	3.8E-01	1.3E+00	2.7E-02
Benzo(b)fluoranthene	3.8E-01	1.3E+00	2.9E-02
Benzo(k)fluoranthene	3.8E-01	1.3E+00	2.9E-02
Benzo(g,h,i)perylene	2.7E+01	2.7E+01	1.0E-01
Benzo(a)pyrene	3.8E-02	1.3E-01	1.4E-02
Beryllium	4.0E+00	8.0E+00	5.3E-01
1,1-Biphenyl	6.5E-01	6.5E-01	5.0E-01
Bis(2-chloroethyl) ether	4.0E-04	4.0E-04	3.2E-02
Bis(2-chloroisopropyl) ether	1.5E-04	1.5E-04	1.4E-02
Bis(2-ethylhexyl) phthalate	3.5E+01	1.2E+02	4.0E+00
Boron	1.6E+00	2.0E+00	1.6E+00
Bromodichloromethane	5.7E-01	1.3E+00	1.0E+02
Bromoform (Tribromomethane)	2.2E+00	2.2E+00	1.0E+02
Bromomethane	3.9E-01	3.9E-01	9.8E+00
Cadmium	1.7E+00	7.4E+00	2.5E-01
Carbon tetrachloride	2.0E-02	4.4E-02	5.0E-01
Chlordane	4.4E-01	1.7E+00	4.0E-03
p-Chloroaniline	5.3E-02	5.3E-02	5.0E+00
Chlorobenzene	1.5E+00	1.5E+00	2.5E+01
Chloroethane	8.5E-01	8.5E-01	1.2E+01
Chloroform	6.8E-01	1.5E+00	7.0E+01
Chloromethane	6.4E+00	6.4E+00	4.1E+01
2-Chlorophenol	1.2E-02	1.2E-02	1.8E-01
Chromium (total)			5.0E+01
Chromium III	7.5E+02	7.5E+02	1.8E+02
Chromium VI	8.0E+00	8.0E+00	1.1E+01
Chrysene	2.3E+01	2.3E+01	3.5E-01
Cobalt	4.0E+01	8.0E+01	3.0E+00
Copper	2.3E+02	2.3E+02	3.1E+00
Cyanide	3.6E-03	3.6E-03	1.0E+00
Dibenz(a,h)anthracene	6.2E-02	2.1E-01	4.8E-03
Dibromochloromethane	7.6E+00	8.3E+00	1.0E+02
1,2-dibromo-3-chloropropane	4.5E-03	4.5E-03	2.0E-01
1,2-Dibromoethane	3.3E-04	3.3E-04	5.0E-02
1,2-Dichlorobenzene	1.1E+00	1.1E+00	1.0E+01

**Table A. Environmental Screening Levels (ESLs)
Shallow Soils ($\leq 3\text{m}$ bgs)
Groundwater is Current or Potential Source of Drinking Water**

Chemical	¹ Shallow Soil		³ Groundwater (ug/L)
	² Residential Land Use (mg/kg)	Commercial/ Industrial Land Use Only (mg/kg)	
1,3-Dichlorobenzene	7.4E+00	7.4E+00	6.5E+01
1,4-Dichlorobenzene	5.9E-01	5.9E-01	5.0E+00
3,3-Dichlorobenzidine	7.7E-03	7.7E-03	2.9E-02
Dichlorodiphenyldichloroethane (DDD)	2.4E+00	1.0E+01	1.0E-03
Dichlorodiphenyldichloroethene (DDE)	1.7E+00	4.0E+00	1.0E-03
Dichlorodiphenyltrichloroethane (DDT)	1.7E+00	4.0E+00	1.0E-03
1,1-Dichloroethane	2.0E-01	2.0E-01	5.0E+00
1,2-Dichloroethane	4.5E-03	4.5E-03	5.0E-01
1,1-Dichloroethene	1.0E+00	1.0E+00	6.0E+00
cis-1,2-Dichloroethene	1.9E-01	1.9E-01	6.0E+00
trans-1,2-Dichloroethene	6.7E-01	6.7E-01	1.0E+01
2,4-Dichlorophenol	3.0E-01	3.0E-01	3.0E-01
1,2-Dichloropropane	1.2E-01	1.2E-01	5.0E+00
1,3-Dichloropropane	5.9E-02	5.9E-02	5.0E-01
Dieldrin	2.3E-03	2.3E-03	1.9E-03
Diethyl phthalate	3.5E-02	3.5E-02	1.5E+00
Dimethyl phthalate	3.5E-02	3.5E-02	1.5E+00
2,4-Dimethylphenol	6.7E-01	6.7E-01	1.0E+02
2,4-Dinitrophenol	4.2E-02	4.2E-02	1.5E+01
2,4-Dinitrotoluene	3.9E-04	3.9E-04	5.1E-02
1,4-Dioxane	1.8E-03	1.8E-03	3.0E+00
Dioxin (2,3,7,8-TCDD)	4.5E-06	1.8E-05	1.0E-06
Endosulfan	4.6E-03	4.6E-03	8.7E-03
Endrin	6.5E-04	6.5E-04	2.3E-03
Ethylbenzene	2.3E+00	3.3E+00	3.0E+01
Fluoranthene	4.0E+01	4.0E+01	8.0E+00
Fluorene	8.9E+00	8.9E+00	3.9E+00
Heptachlor	1.3E-02	1.3E-02	3.6E-03
Heptachlor epoxide	1.4E-02	1.4E-02	3.6E-03
Hexachlorobenzene	3.4E-01	1.3E+00	1.0E+00
Hexachlorobutadiene	2.2E+00	2.2E+00	4.5E-01
γ -Hexachlorocyclohexane (Lindane)	9.8E-03	9.8E-03	1.6E-02
Hexachloroethane	3.0E+00	3.0E+00	9.0E-01
Indeno(1,2,3-c,d)pyrene	6.2E-01	2.1E+00	4.8E-02
Lead	2.0E+02	7.5E+02	2.5E+00
Mercury (elemental)	1.3E+00	1.0E+01	2.5E-02
Methoxychlor	1.9E+01	1.9E+01	3.0E-03
Methylene chloride	7.7E-02	7.7E-02	5.0E+00
Methyl ethyl ketone	3.9E+00	3.9E+00	4.2E+03
Methyl isobutyl ketone	2.8E+00	2.8E+00	1.2E+02
Methyl mercury	1.2E+00	1.2E+01	3.0E-03
2-Methylnaphthalene	2.5E-01	2.5E-01	2.1E+00
tert-Butyl methyl ether	2.3E-02	2.3E-02	5.0E+00
Molybdenum	4.0E+01	4.0E+01	3.5E+01

**Table A. Environmental Screening Levels (ESLs)
Shallow Soils (<3m bgs)
Groundwater is Current or Potential Source of Drinking Water**

Chemical	¹ Shallow Soil		³ Groundwater (ug/L)
	² Residential Land Use (mg/kg)	Commercial/ Industrial Land Use Only (mg/kg)	
Naphthalene	1.3E+00	2.8E+00	1.7E+01
Nickel	1.5E+02	1.5E+02	8.2E+00
Pentachlorophenol	3.0E+00	5.0E+00	1.0E+00
Perchlorate	1.1E+01	1.4E+02	6.0E+00
Phenanthrene	1.1E+01	1.1E+01	4.6E+00
Phenol	7.6E-02	7.6E-02	5.0E+00
Polychlorinated biphenyls (PCBs)	2.2E-01	7.4E-01	1.4E-02
Pyrene	8.5E+01	8.5E+01	2.0E+00
Selenium	1.0E+01	1.0E+01	5.0E+00
Silver	2.0E+01	4.0E+01	1.9E-01
Styrene	1.5E+00	1.5E+00	1.0E+01
tert-Butyl alcohol	7.5E-02	7.5E-02	1.2E+01
1,1,1,2-Tetrachloroethane	2.4E-02	2.4E-02	1.3E+00
1,1,1,2-Tetrachloroethane	1.8E-02	1.8E-02	1.0E+00
Tetrachloroethene	3.7E-01	7.0E-01	5.0E+00
Thallium	1.3E+00	1.6E+01	2.0E+00
Toluene	2.9E+00	2.9E+00	4.0E+01
Toxaphene	4.2E-04	4.2E-04	2.0E-04
TPH (gasolines)	8.3E+01	8.3E+01	1.0E+02
TPH (middle distillates)	8.3E+01	8.3E+01	1.0E+02
TPH (residual fuels)	3.7E+02	2.5E+03	1.0E+02
1,2,4-Trichlorobenzene	1.5E+00	1.5E+00	5.0E+00
1,1,1-Trichloroethane	7.8E+00	7.8E+00	6.2E+01
1,1,2-Trichloroethane	7.0E-02	7.0E-02	5.0E+00
Trichloroethene	4.6E-01	4.6E-01	5.0E+00
2,4,5-Trichlorophenol	1.8E-01	1.8E-01	1.1E+01
2,4,6-Trichlorophenol	2.3E-01	2.3E-01	7.0E-01
Vanadium	1.6E+01	2.0E+02	1.5E+01
Vinyl chloride	2.2E-02	4.7E-02	5.0E-01
Xylenes	2.3E+00	2.3E+00	2.0E+01
Zinc	6.0E+02	6.0E+02	8.1E+01

Notes:

1. Shallow soils defined as soils less than or equal to 3 meters (approximately 10 feet) below ground surface.
 2. Category "Residential Land Use" generally considered adequate for other sensitive uses.
 3. Assumes potential discharge of groundwater into a freshwater, marine or estuary surface water system.
- Soil ESLs intended to address direct-exposure, groundwater protection, ecologic (urban areas) and nuisance concerns under noted land-use scenarios. **Soil gas data should be collected for additional evaluation of potential indoor-air impacts at sites with areas of VOC-contaminated soil.**
- Groundwater ESLs intended to be address drinking water, surface water, indoor-air and nuisance concerns. **Use in conjunction with soil gas screening levels to more closely evaluate potential impacts to indoor-air if groundwater screening levels for this concern approached or exceeded.**
- Aquatic habitat goals for bioaccumulation concerns not considered in selection of groundwater goals.
- TPH -Total Petroleum Hydrocarbons. TPH ESLs must be used in conjunction with ESLs for related chemicals (e.g., BTEX, PAHs, oxidizers, etc.).