



California Regional Water Quality Control Board

Los Angeles Region



Linda S. Adams
Cal/EPA Secretary

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Arnold Schwarzenegger
Governor

November 10, 2010

Mr. Nick Bubalo, President
S.L.S. & N., Inc.
P.O. Box 1286
Monrovia, CA 91017

REVISED WASTE DISCHARGE REQUIREMENTS – PECK ROAD GRAVEL PIT AND INERT LANDFILL, MONROVIA, CALIFORNIA (File NO. 82-17, ORDER NO. R4-2010-0199, CI 6650)

Dear Mr. Bubalo:

Reference is made to our letter of September 15, 2010, which transmitted a copy of tentative waste discharge requirements for the subject site.

Pursuant to Division 7 of the California Water Code, this Regional Water Quality Control Board (Regional Board) at a public hearing held on November 4, 2010, reviewed the tentative requirements, considered all factors in the case, and adopted Order No. R4-2010-0199 (copy attached) relative to this site. (To save printing and postage costs, hard copies of the Order and its attachments are sent only to the addressee; however, anyone may obtain copies at the Regional Board's website at http://www.waterboards.ca.gov/losangeles/board_decisions/adopted_orders/, or by contacting the Regional Board staff listed below.)

All monitoring reports should be sent to the Regional Board, Attention: Information Technology Unit. Please reference all technical and monitoring reports to our Compliance File No. CI 6650. We would appreciate it if you would not combine other reports, such as progress or technical, with your monitoring reports but would submit each type of report as a separate document.

If you have any questions or need additional information, please contact me at (213) 620-2253.

Sincerely,

Wen Yang, Ph.D., C.E.G., C.H.G.
Senior Engineering Geologist
Land Disposal Unit

Enclosures

California Environmental Protection Agency



Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

Mr. Nick Bubalo
Peck Road Gravel Pit and Inert Landfill

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November 10, 2010

cc: Leslie Graves, Land Disposal Program, State Water Resource Control Board
Martin Perez, California Department of Resources Recycling and Recovery
Cindy Chen, Los Angeles County, DHS
Carol Williams, Main San Gabriel Basin Watermaster
Steve Sizemore, City of Monrovia
David Saldaña, City of San Marino
Kwok Tam, City of Irwindale
Tom Davis, Justice & Associates

California Environmental Protection Agency



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Our mission is to preserve and enhance the quality of California's water resources for the benefit of present and future generations.

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

ORDER NO. R4-2010-0199

REVISED WASTE DISCHARGE REQUIREMENTS

For

S.L.S. & N., INC.

Peck Road Gravel Pit and Inert Landfill

(File No. 82-17)

The California Regional Water Quality Control Board, Los Angeles Region (Regional Board), finds:

1. S.L.S. & N., Inc. (Discharger) owns and operates the Peck Road Gravel Pit and Inert Landfill (Site), an active aggregate mining quarry that is concurrently operated as an inert solid waste landfill, at 128 E. Live Oak Avenue, Irwindale, California. The Site is bordered to the west by Peck Road, to the north by Live Oak Avenue and Arrow Highway, and to the south and east by the Hanson Aggregate Quarry that is owned and operated by Hanson Aggregate West (Figure 1).
2. The Site straddles the border between the cities of Monrovia and Irwindale and occupies a total of 86 acres of land, of which 46 acres are in the City of Monrovia and 42 acres are in the City of Irwindale (Figure 2).
3. The Site occupies part of a mining pit that has been created by aggregate mining activities since the 1920s. The bottom of the pit is currently approximately 100 feet below ground surface (bgs) and is partially filled with groundwater that has been exposed by mining activities. Exposed groundwater at the Site forms a pond that extends across the adjacent Hanson Aggregate Quarry.
4. The pre-mining natural ground surface at the Site is between approximately 340 feet above mean sea level (amsl) and 370 amsl. The Discharger is permitted by the City of Irwindale to mine the Site to a maximum depth of 200 feet bgs (approximately 160 feet amsl).
5. On the northern portion of the Site, there is an area of approximately 4.5 acres that is referred to as the former San Marino City Landfill, which was operated by the City of San Marino from 1961 to 1989 and received municipal solid waste (MSW) that consisted mainly of street maintenance materials including leaves, soil, concrete, and asphalt fragments. From 1984 to 1990, only inert waste including broken concrete and asphalt was disposed of at the area. The total volume of wastes discharged in the area during its operation is estimated to be approximately 30,000 to 57,000 cubic yards. In November 1995, the Discharger purchased the former San Marino City Landfill from the City of San Marino.

November 4, 2010

6. This Regional Board adopted Resolution No. 61-37 on August 16, 1961, for the discharge of municipal solid wastes at the former San Marino City Landfill. Resolution No. 61-37 was subsequently revised by Order No. 95-101 adopted on July 12, 1995, that restricted the waste to be discharged at the area to inert wastes only. On November 22, 1982, the Regional Board adopted Order No. 82-80 for the discharge of inert solid waste at the Peck Road Gravel Pit. Order No. 82-80 was subsequently revised by Order No. 96-023 adopted on April 1, 1996. On January 27, 1997, the Regional Board adopted Order No. 97-008 that consolidated waste discharge requirements (WDRs) included in Orders 95-101 and 96-023. Pursuant to Section 13263 of California Water Code (CWC), the WDRs are hereby revised to reflect current site conditions and comply with changing State or Federal laws, regulations, policies, or guidelines.
7. On June 2, 2010, the Discharger submitted a *Revised Application/Report of Waste Discharge*, which includes updated characterization of the waste discharge at the Site, and requested revisions of the WDRs that would, among others, permit the discharge of inert solid wastes at the portion of the Site in the City of Irwindale.
8. CWC section 13263 (e) provides that all WDRs shall be reviewed periodically and, upon such review, may be revised by the Regional Board to comply with changing state or federal laws, regulations, policies, or guidelines.
9. To permit the mining of the underlying native sand and gravel, the Discharger has proposed to remove all waste discharged in the former San Marino City Landfill and has submitted to the Regional Board a *Clean Closure Plan* (dated February 2000), which was approved by Regional Board staff in a letter dated March 20, 2000. Wastes discharged in the area would be either shipped to a Class III Landfill in the Region (for MSW) or relocated within the Site (for inert wastes). However, clean closure of the former San Marino City Landfill has not been completed because the Site lacks the space to process and relocate the materials excavated. This Order requires the Discharger to submit a technical report to the Regional Board within 90 day of the adoption of the WDRs, that documents all clean closure activities that have been conducted at the Site and includes a time table, for the Executive Officer's approval, to complete clean closure of the former San Marino City Landfill.
10. The Discharger currently extracts an average of approximately 200,000 tons of sand and gravel from the Site per year. Mining activities include both "wet mining" that involves dredging under exposed groundwater and "dry mining" that involves excavating above groundwater.
11. Inert solid wastes discharged at the Site includes concrete, asphalt, and clean soil that are either processed for recycling or disposed of as part of the reclamation of the mining pit. The Site is currently permitted by the Los Angeles County Department of Public Health, who acts as the Local Enforcement Agency (LEA) for the California Department of Resources Recycling and Recovery (CalRecycle), to receive up to 1,210 tons of inert waste (CalRecycle Facility Permit Number 19-AA-0838).

12. Section 20230(a) of title 27, California Code of Regulations (27 CCR), provides that "*Inert waste is that subset of solid waste that does not contain hazardous waste or soluble pollutants at concentrations in excess of applicable water quality objectives, and does not contain significant quantities of decomposable waste.*"
13. The Site is underlain by highly permeable, unconsolidated sands, gravels, cobbles, and boulders and overlies an aquifer that is a major source of drinking water in the Main San Gabriel Basin in the Los Angeles-San Gabriel Hydrologic Area. The regional groundwater flow direction is from northeast to southwest. However, past groundwater monitoring data obtained at the Site indicate that the local groundwater flow direction at the Site is mainly from the southeast to northwest.
14. On June 13, 1994, this Regional Board adopted a revised *Water Quality Control Plan for the Coastal Watersheds of Los Angeles and Ventura Counties* (Basin Plan). The Basin Plan (including its subsequent amendments) designates the following beneficial uses for groundwater within the Main San Gabriel Basin: municipal and domestic supply, agricultural supply, industrial process supply, and industrial service supply. The requirements in this Order, as they are met, are in conformance with the goals of the Basin Plan.
15. Ground water monitoring at the former San Marino Landfill started in 1990. A Solid Waste Assessment Test (SWAT) analysis for the former San Marino Landfill was completed in September 1990, and was approved by Regional Board staff on October 13, 1993. Groundwater monitoring was initiated at Peck Road Pit in 1996. Monitoring data obtained at the Site since 1990 do not indicate that waste discharge activities at the Site has adversely affected groundwater quality.
16. The current groundwater monitoring system at the Site includes two groundwater monitoring wells (MW-1 and MW-2) and a sampling point for exposed groundwater (Figure 2). This Order requires the Discharger to continue groundwater monitoring at the Site using the existing groundwater monitoring system.
17. The portion of the Site in the City of Irwindale is currently operated under Conditional Use Permit (CUP) No. 95-4 adopted by the City of Irwindale on September 14, 2000, based on an Environmental Impact Report (EIR No. 92-1, State Clearinghouse Number 198041131) prepared for the expansion of the Peck Road Gravel Pit into Irwindale under the California Environmental Quality Act (CEQA). The portion of the Site in the City of Monrovia is currently operated under CUP No. 87-24 that was adopted by the City of Monrovia on June 1, 1987.
18. The Site is subject to reclamation as required by the State Surface Mining and Reclamation Act of 1975 (SMARA, Public Resources Code section 2710 et seq.) and the City of Irwindale Municipal Code, Chapter 17.63 (Mining Permits and Reclamation Plans), which implements

SMARA. The Discharger has developed a reclamation plan for the Site (California Mine ID# 91-19-43) that was approved by the State Department of Conservation, Mining and Geology Board, on July 10, 1998.

19. The Discharger has developed an Inert Debris Engineered Fill Operation Plan for the Site in accordance with California Code of Regulations, Title 14 (14 CCR), Sections 13387 *et. seq.* (Articles 5.9 and 5.95, Construction and Demolition Waste and Inert Debris Disposal Regulatory Requirements) and 27 CCR, Sections 20510 *et. seq.* (Criteria for Landfills and Disposal Sites).
20. Pursuant to section 402 (p) of the Clean Water Act (33 USC §1342(p)) and title 40 of the Code of Federal Regulations (40 CFR) parts 122, 123, and 124, the California State Water Resources Control Board (State Board) adopted a National Pollutant Discharge Elimination System (NPDES) General Permit to regulate storm water discharges associated with industrial activities in California (State Board Order 97-03-DWQ). Storm water runoff from the Site is currently regulated under the general NPDES permit (WDID No. 4 19I015242, enrolled on November 20, 2000). The Discharger is implementing a Storm Water Pollution Prevention Plan (SWPPP) at the Site as required by the general NPDES permit.
21. Revision of the WDRs for the Site constitutes an existing project as defined in Section 15301 of 14 CCR and is therefore exempt from the provisions of the CEQA (Public Resources Code section 21000 *et. seq.*).

The Regional Board has notified the Discharger and interested agencies and persons of its intent to adopt revised WDRs for this disposal of waste at the Site, and has provided interested persons with an opportunity to submit their written views and recommendations.

The Regional Board, in a public meeting, heard and considered all comments pertaining to the discharge and to the tentative requirements.

Any person aggrieved by this action of the Regional Board may petition the State Board to review the action in accordance with CWC section 13320 and California Code of Regulations, title 23, sections 2050 and following. The State Board must *receive* the petition by 5:00 p.m., 30 days after the date of this Order, except that if the thirtieth day following the date of this Order falls on a Saturday, Sunday, or state holiday, the petition must be received by the State Board by 5:00 p.m. on the next business day. Copies of the law and regulations applicable to filing petitions may be found on the Internet at: http://www.waterboards.ca.gov/public_notices/petitions/water_quality/index.shtml or will be provided upon request.

IT IS HEREBY ORDERED, that the Discharger shall comply with the following at the Site:

A. Discharge Specifications:

1. Wastes discharged at the Site shall be limited to inert wastes as defined in 27 CCR, section 20230(a), including but not limited to: native geological materials (such as clay, silt, gravel, etc.) generated by mining activities at the Site and materials that are acceptable at an Inert Debris Engineered Fill Operations as defined in Section 17380 of 14 CCR, including uncontaminated concrete, crushed glass, brick, ceramics, clay and clay products, rock and soil, and fully cured asphalt. Asphalt material shall not be dumped into standing water nor shall it be placed below the highest anticipated groundwater elevation, which is estimated to be at 280 feet amsl at the Site.
2. Materials that are received for the purpose of recycling at the Site are subject to all requirements of this Order, including the load checking program required in Section D. 1 below.
3. The Discharger shall remove and relocate to a legal point of disposal any waste that is discharged in violation of these requirements. For the purpose of these requirements, a legal point of disposal is defined as one for which WDRs have been established by a California regional water quality control board, and is in full compliance therewith. For a legal point of disposal outside the State of California, the legal point of disposal means a facility that is lawfully permitted under applicable state and federal laws to receive the type of waste improperly disposed of at the Site.

B. Prohibitions:

1. No hazardous wastes, designated wastes, tires, or liquid wastes shall be deposited at the Site.
2. Non-hazardous solid wastes (decomposable organic refuse such as, but not necessarily limited to, ordinary household and commercial refuse, tin cans, metals, paper and paper products, plasterboard, cloth and clothing, wood and wood products, lawn clippings, sod, shrubbery, hair, hide, bones, dead animals, roofing paper, tar paper, unquenched ashes mixed with refuse, market refuse, garbage, etc.) shall not be deposited at the Site.
3. Materials of a toxic nature such as insecticides and poisons shall not be deposited at the Site.
4. No radioactive material as determined by a regulatory agency with jurisdictional authority shall be deposited at the Site.
5. No asbestos or asbestos products shall be deposited at the Site.

6. Wastes deposited at the Site shall be confined thereto, and shall not be permitted to enter drainage ditches or watercourses.
7. Erosion of deposited materials by surface flow shall be prevented.
8. Neither the discharge nor any treatment of wastes shall cause pollution or nuisance.
9. No chemical additives shall be used at the Site unless such use is approved by the Executive Officer in advance.

C. Groundwater Monitoring and Water Quality Protection Standards

1. The Discharger shall monitor the quality of groundwater at the Site as required in the attached Monitoring and Reporting Program (M&RP No. CI 6650). The Executive Office may require additional groundwater monitoring points if additional groundwater monitoring points are necessary to monitor the change of groundwater quality that may be impacted by the discharge of wastes at the Site.
2. In accordance with 27 CCR section 20390, the water quality protection standards (WQPSs) for the Site are established as the natural background groundwater quality, which is set to either the statistically predicted value (if the constituent naturally exists) or the laboratory detection limit (if the constituent does not naturally exist in the water). Water quality standards at the Site shall not exceed the applicable water quality objectives specified in the Basin Plan for drinking water, unless the Discharger can demonstrate to the satisfaction of the Executive Officer that such exceedance is not caused by activities at the Site.
3. Within 90 days of the adoption of this Order, the Discharger shall submit a technical report to this Regional Board, for the approval of the Executive Officer, establishing updated WQPSs for all constituents of concern at the Site. The WQPSs shall be calculated with a statistical method acceptable to the Executive Officer and shall be updated at least every five years based on concurrent monitoring data.
4. WQPSs may be modified by the Regional Board based on more recent and/or more complete groundwater monitoring data, changes in background water quality, or for any other valid reason. The down-gradient groundwater monitoring points established in accordance with the attached Monitoring and Reporting Program (M&RP No. CI 6650) shall serve as the compliance points for purposes of these WQPSs.
5. Based on historic land use, the existing and proposed activities at the Site, and the beneficial uses of local groundwater, the current constituents of concern (COCs) for the Site are specified in Section II.C. of M&RP No. CI 6650. Additional COCs may be added if future monitoring data indicate that such constituents exist in groundwater as contaminants.

D. Provisions:

1. The Discharger shall take any and all necessary measures to prevent unauthorized disposal of wastes at the Site by instituting a load-checking program. Within 90 days of the adoption of this Order, the Discharger shall submit an updated load-checking program to the Regional Board for the approval of the Executive Officer. As a minimum, the load-checking program shall include the following:
 - a. A computerized waste-tracking system that, for each load of waste, records at least the following information: the hauler's name, type of material, the source where the waste was generated, whether the load of material is for recycling or discharger, and, if for discharger, the general area at the Site where the waste is disposed of;
 - b. A surveillance system that includes visual and instrumental inspections of each load of waste and questioning the hauler if necessary;
 - c. A training and education program for all Site employees concerning acceptable and unacceptable materials as provided in this Order; and
 - d. In addition to regular load-checking activities at the Site, for any project that involves the generation of more than 1,000 cubic yards of wastes from a single site during one calendar year, the Discharger shall require the generator and/or hauler of the wastes, before discharge the wastes to the Site, to provide background information, including laboratory analytical data and environmental assessment reports (if available), to ensure that the wastes are not contaminated. Such information shall be documented and included in the quarterly reports required in the M&RP.
2. Within 90 day of the adoption of this Order, the Discharger shall submit a progress report, for the Executive Officer's approval, that documents all clean closure activities that have been conducted at the Site and a time table to complete clean closure of the former San Marino City Landfill.
3. The Discharger shall implement the attached M&RP, which is incorporated herein by reference and revisions thereto, in order to detect, at the earliest opportunity, any unauthorized discharge of waste constituents or any unreasonable impairment of beneficial uses associated with (or caused by) discharges of waste at the Site.
4. At any time, the Discharger may file a written request, including appropriate supporting documents, with the Executive Officer, proposing modifications to the M&RP. The Discharger shall implement any changes in the amended M&RP approved by the Executive Officer upon receipt of a signed copy of the amended M&RP.

3. The Discharger shall furnish, under penalty of perjury, technical or monitoring program reports in accordance with CWC section 13267. Failure or refusal to furnish these reports or falsifying any information provided therein renders the Discharger guilty of a misdemeanor and subject to the penalties stated in CWC section 13268. Monitoring reports shall be submitted in accordance with the specifications contained in the M&RP, as directed by the Executive Officer. Additionally, monitoring reports shall be prepared and signed by a California professional civil engineer or professional geologist. The M&RP is subject to periodic revisions as warranted and approved by the Executive Officer.
4. The Discharger shall use the statistical procedures contained in 27 CCR section 20415(e)(7), to determine if there is a statistically significant increase for any background indicator parameter. Upon approval of the Executive Officer, alternative statistical procedures may be used.
5. In the event that a statistically significant increase is observed for any background indicator parameter, the Discharger shall establish an evaluation program in accordance with 27 CCR section 20425, unless such a program has already been submitted.
6. If evaluation monitoring determines that there is a statistically significant increase of any background indicator parameter that is resulted by the discharge of waste at the Site, then the Discharger shall institute a corrective action monitoring program in accordance with 27 CCR section 20430.
7. The Discharger shall maintain copies of this Order at the Site so as to be available at all times to personnel operating the Site.
8. The Discharger shall file with this Regional Board a report of any material change or proposed change in the character, location, boundaries or quantity of this waste discharge at least 120 days prior to the date of such a proposed change.
9. Within thirty (30) days of any change in name of operator or in control or ownership of land or waste disposal facilities owned or controlled by the Discharger, the Discharger shall:
 - a. Notify this Regional Board in writing of such a change; and
 - b. Notify the succeeding owner or operator by letter, a copy of which shall be filed with this Regional Board, of the existence of this Order.
10. Ninety (90) days prior to cessation of disposal operations at this Site, the Discharger shall submit a technical report to the Regional Board describing the methods and controls to be used to assure protection of the quality of receiving waters during final

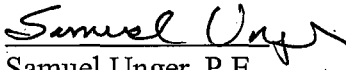
- operations and with any proposed subsequent use of the land. Such methods and controls shall comply with the foregoing technical report and the WDRs. The report shall be prepared under the direct supervision of a California professional civil engineer or a California professional geologist.
11. This Regional Board considers the Discharger to have continuing responsibility for correcting any problems which may arise in the future as a result of this waste discharge or water applied to the Site during subsequent use of the land for other purposes.
 12. These requirements do not exempt the Discharger from compliance with any other laws, regulations, or ordinances which may be applicable; they do not legalize this waste disposal facility, and they leave unaffected any further restraint on the disposal of wastes at the Site which may be contained in other statutes or required by other agencies.
 13. In accordance with CWC section 13263(g), these requirements shall not create a vested right to continue to discharge and are subject to rescission or modification. All discharges of waste into the waters of the State are privileges, not rights.
 14. The Discharger shall comply with all conditions of this Order and any additional conditions prescribed by the Regional Board in addenda thereto. Noncompliance with this Order constitutes a violation of the CWC and is grounds for:
 - a. Enforcement action;
 - b. Termination, revocation and re-issuance, or modification of this Order;
 - c. Denial of an application for new or revised WDRs; or
 - d. Any combination of the foregoing.
 16. Failure to comply with the terms and conditions of this Order may result in imposition of civil liability against the Discharger by this Regional Board, either by the Board or judicially by the Superior Court, in accordance with CWC section 13350 et. seq. and/or referral to the Attorney General of the State of California for such legal action as may be deemed appropriate.
 17. This Order includes the attached "Standard Provisions Applicable to Waste Discharge Requirements" (Attachment "W"), which is incorporated herein by references. If there is any conflict between provisions stated hereinbefore and the attached "Standard Provisions Applicable to Waste Discharge Requirements", those provisions attached herein prevail.
 18. In accordance with CWC section 13263, these requirements are subject to periodic review and revision by this Regional Board.

19. The filing of a request by the Discharger for the modification, revocation and re-issuance, or termination of this Order or notification of planned changes or anticipated noncompliance does not stay any condition of this Order.
20. The provisions of this Order are severable, and if any provision of this Order, or the application of any provision of this Order to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this Order, shall not be affected thereby.
21. This Order becomes effective on the date of adoption by this Regional Board.

E. TERMINATION

1. Except for violation enforcement purposes, Regional Board Order No. 97-008, adopted January 27, 1997, is hereby terminated.

I, Samuel Unger, Executive Officer, do hereby certify that the foregoing is a full, true and correct copy of an order adopted by the California Regional Water Quality Control Board, Los Angeles Region on November 4, 2010.


Samuel Unger, P.E.
Executive Officer

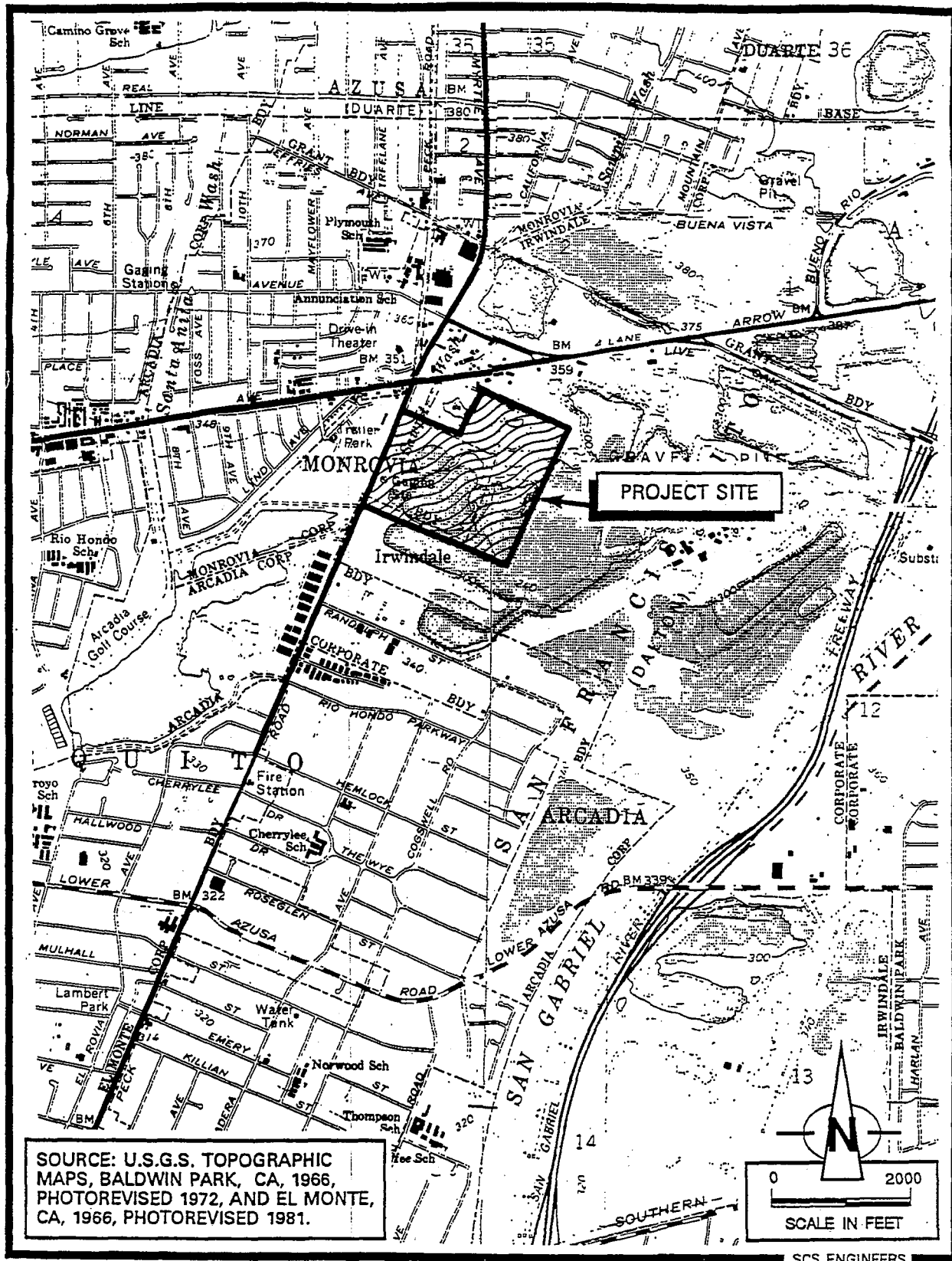


Figure 1. Map Showing Location of Project Site.

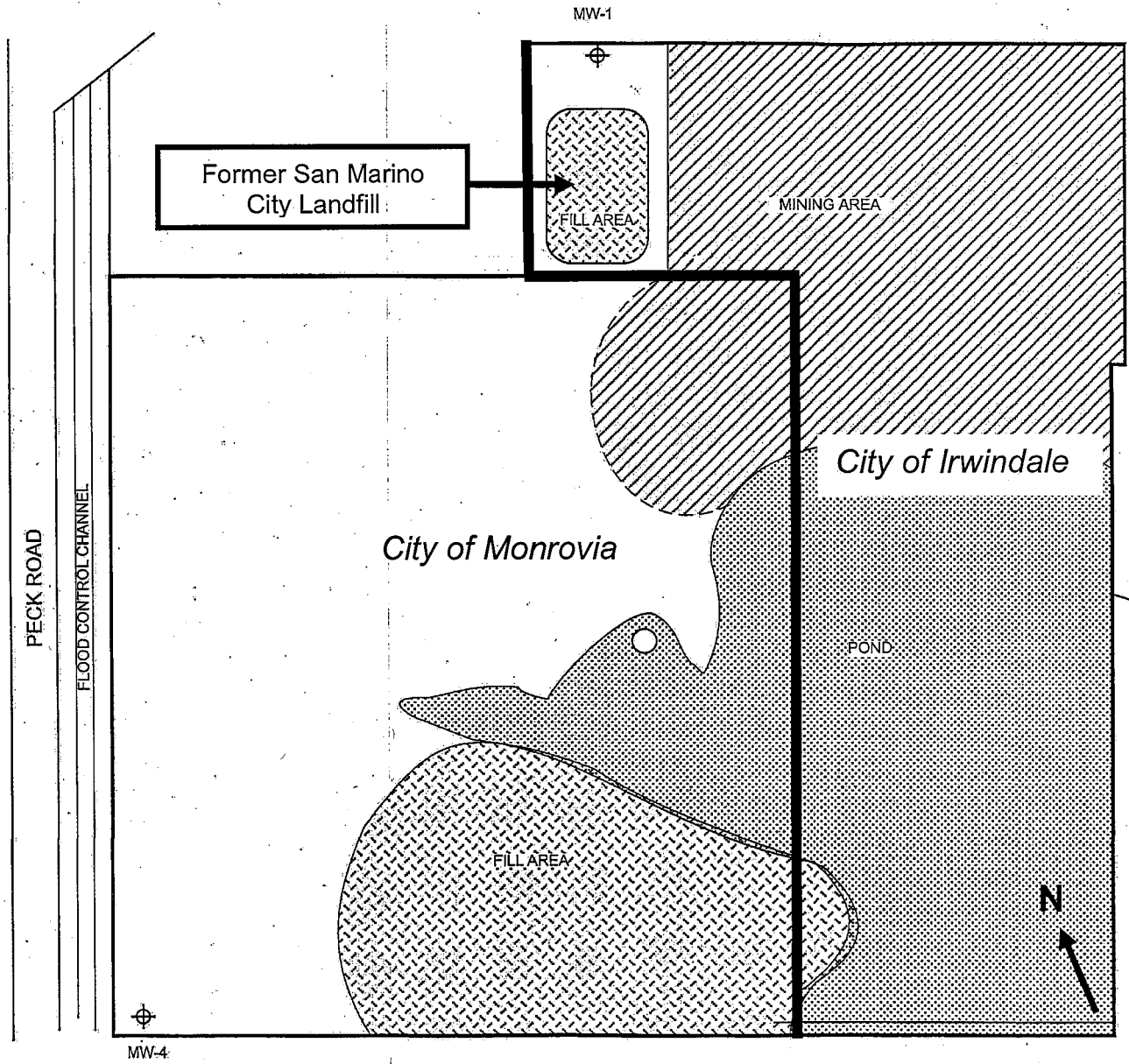


Figure 2: Facility Layout

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM NO. CI 6650

For

S.L.S. & N., INC.

Peck Road Gravel Pit and Inert Landfill

(File No. 82-17)

S.L.S. & N., INC. (Discharger) shall implement this Monitoring and Reporting Program (M&RP) at the Peck Road Gravel Pit and Inert Landfill (Site) beginning on the effective date of Board Order No. R4-2010-0199. The first monitoring report under this program is due by January 15, 2011.

I. Reporting

A. Monitoring reports shall be submitted by the dates in the following schedule:

<u>Reporting Period</u>	<u>Report Due</u>
January - March	April 15
April - June	July 15
July - September	October 15
October - December	January 15

The quarterly reports shall include both groundwater monitoring data as required in Section II (if groundwater monitoring is conducted during the monitoring period) and waste disposal information as required in Section III of this M&RP. The October-December report shall include an annual summary of the data obtained during the previous calendar year.

- B. A transmittal letter containing the essential points of the report shall accompany each report. Such a letter shall include a discussion of any violations found since the last such report was submitted, and shall describe actions taken or planned for correcting those violations. If the Discharger has previously submitted a detailed time schedule for correcting said violations, a reference to the correspondence transmitting the schedule will be satisfactory. If no violations have occurred since the last submittal, this shall be stated in the transmittal letter. Monitoring reports and the letter transmitting the monitoring reports shall be signed by a principal executive officer at the level of vice president or above, or by his/her duly authorized representative, if such a representative is responsible for the overall operation of the facility from which the discharge originates.
- C. The Discharger shall arrange the data in tabular form so that the specified information is readily discernible. The data shall be summarized in a manner as to clearly illustrate whether the facility is operating in compliance with these waste discharge requirements (WDRs).

**Peck Road Gravel Pit and Inert Landfill
Monitoring and Reporting Program No. CI 6650**

Order No. R4-2010-0199

- D. In the event that hazardous or other unacceptable wastes are detected, the Regional Board shall be notified by telephone, email, or facsimile within 24 hours and by writing within 7 days. The type, source, and final disposition of those wastes shall also be reported.
- E. If the Discharger performs analyses for any parameter more frequently than required by this M&RP, the results shall be included in the monitoring report.
- F. The Discharger may submit additional data to the Regional Board that are not required by this M&RP in order to simplify reporting to other agencies.
- G. The Discharger shall retain records of all monitoring information, including all calibration and maintenance records regarding monitoring instrumentation, and copies of all data submitted to regulatory agencies, for a period of at least five years. This period may be extended by request of the Regional Board at any time, and shall be extended during the course of any unresolved litigation regarding all or any part of the entire Site.
- H. A duly authorized representative of the Discharger may sign the documents if:
 - a. The authorization is made in writing by the person described above;
 - b. The authorization specified an individual or person having responsibility for the overall operation of the regulated disposal system; and
 - c. The written authorization is submitted to the Executive Officer.
- I. Each report submitted to the Regional Board shall contain the following completed declaration:

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.

Executed on the _____ day of _____ at _____.

(Signature)

(Title)"

- J. All reports required in this M&RP shall be addressed to:

California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, California 90013
ATTN: Information Technology Unit

The reporting period and the compliance file number (CI 6650) must be clearly displayed on the title page to facilitate routing to the appropriate staff and file.

- K. The Discharger shall submit all reports required under this M&RP, including groundwater monitoring data, to the State Water Resources Control Board GeoTracker database, in addition to submitting hard copies to the Regional Board office. Once the Discharger demonstrate mastery of electronic submittal of reports to GeoTracker for the Site, it may request that the Regional Board waive the requirement of submitting hard copies of reports.

II. Groundwater Monitoring

- A. The groundwater monitoring network at the Site shall include groundwater monitoring wells MW-1 and MW-4 and a sampling point at the pond of exposed groundwater, as displayed in Figure T-1.
- B. Groundwater monitoring shall be performed at least semi-annually, during the months of April and October. In the event sampling is not performed as above because of unforeseen circumstances, substitute sampling shall be performed as soon as possible after these times, and the reason for the delay shall be given.
- C. All water samples shall be analyzed for the following constituents of concern:

<u>Parameter</u>	<u>Units</u>
pH	pH units
Electrical conductivity	umhos/cm
Chemical oxygen demand	mg/l ¹
Total dissolved solids	mg/l
Oil and Grease	mg/l
Diesel	mg/l
Nitrates	mg/l
Chloride	mg/l
Sulfate	mg/l
Boron	mg/l
Cadmium	µg/l ²

¹ ml/l = milligram per liter

² µg/l = microgram per liter

<u>Parameter</u>	<u>Units</u>
Chromium	µg/l
Lead	µg/l
Nickel	µg/l
Volatile organic compounds (VOCs) (USEPA Method 8260B)	µg/l

- D. All analyses shall be conducted at a laboratory certified for such analyses by the State Department of Public Health Environmental Laboratory Accreditation Program, or approved by the Executive Officer. Laboratory analyses must follow methods approved by the United States Environmental Protection Agency (EPA), and the laboratory must meet EPA Quality Assurance/Quality Control criteria.
- E. For any analyses performed for which no procedure is specified in the EPA guidelines, or in this Order, the constituent or parameter analyzed, and the method or procedure used, must be specified in the report.
- F. Analytical data reported as "less than" shall be reported as less than a numeric value, or below the limit of detection, for that particular analytical method.
- G. All analytical samples obtained for this M&RP shall be grab samples.
- H. The water quality monitoring report must also include the following:
1. Sampling protocol and analytical methods used;
 2. Chain of custody documentation;
 3. Well purge data;
 4. If any required samples were omitted during the reporting period, a statement to that effect shall be made and reasons given for any omission;
 5. Groundwater elevations at each monitoring point, including the pond of exposed groundwater, measured to the nearest 0.01 foot relative to mean sea level. The velocity and direction of groundwater flow under the Site shall be determined after each monitoring event and reported;
 6. For any monitored waste parameter which is listed as such by the EPA or by the State of California, the discharger shall compare such data to the most stringent allowable concentrations under all existing Federal and State regulations;
 7. An evaluation of the results of the testing signed by a California professional geologist or professional civil engineer.

8. If purged groundwater from the monitoring wells is used at the Site, the total volume, and areas of usage shall also be reported.

III. Waste Disposal Reporting

All quarterly reports to the Regional Board shall include the following information:

- A. A map showing the areas at the Site where wastes were deposited during the monitoring period.
- B. A tabular list of estimated quantities (in ton or cubic yards) of materials discharged at the Site for each month. The quantities of materials that are stockpiled at the Site for recycling shall be reported separately.
- C. Quantities (in tons or cubic yards) of unacceptable materials (such as household trash, wood, etc.) that were removed and sent out from the Site in each month. The places where these unacceptable materials were sent to shall also be reported.
- D. Quantities (in tons or cubic yards) of recycled materials (such as steel, crushed concrete, asphalt, etc.) that were sent out from the Site in each month.
- E. An estimate of the remaining life of the Site in years and months.
- F. A certification that all wastes disposal operations at the Site were in compliance with the Regional Board's requirements.

These records and reports are public documents and shall be made available for inspection during normal business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region.

Ordered by: Samuel Unger
Samuel Unger, P.E.
Executive Officer

Date: November 4, 2010

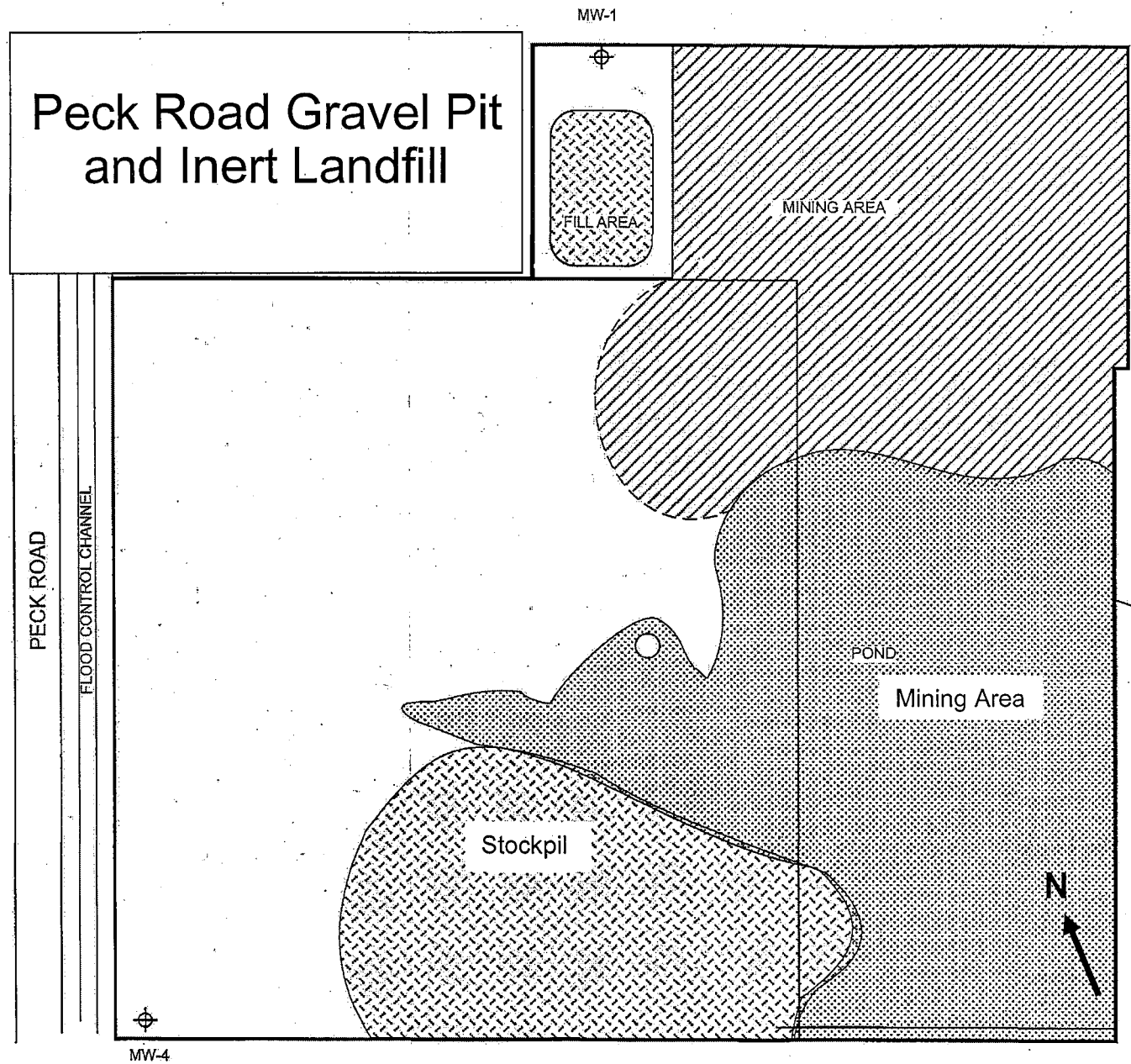


Figure T-1. Groundwater Monitoring Network

STANDARD PROVISIONS
APPLICABLE TO WASTE DISCHARGE REQUIREMENTS

1. DUTY TO COMPLY

The discharger must comply with all conditions of these waste discharge requirements. A responsible party has been designated in the Order for this project, and is legally bound to maintain the monitoring program and permit. Violations may result in enforcement actions, including Regional Board orders or court orders requiring corrective action or imposing civil monetary liability, or in modification or revocation of these waste discharge requirements by the Regional Board. [CWC Section 13261, 13263, 13265, 13268, 13300, 13301, 13304, 13340, 13350]

2. GENERAL PROHIBITION

Neither the treatment nor the discharge of waste shall create a pollution, contamination or nuisance, as defined by Section 13050 of the California Water Code (CWC). [H&SC Section 5411, CWC Section 13263]

3. AVAILABILITY

A copy of these waste discharge requirements shall be maintained at the discharge facility and be available at all times to operating personnel. [CWC Section 13263]

4. CHANGE IN OWNERSHIP

The discharger must notify the Executive Officer, in writing at least 30 days in advance of any proposed transfer of this Order's responsibility and coverage to a new discharger. The notice must include a written agreement between the existing and new discharger containing a specific date for the transfer of this Order's responsibility and coverage between the current discharger and the new discharger. This agreement shall include an acknowledgement that the existing discharger is liable for violations up to the transfer date and that the new discharger is liable from the transfer date on. [CWC Sections 13267 and 13263]

5. CHANGE IN DISCHARGE

In the event of a material change in the character, location, or volume of a discharge, the discharger shall file with this Regional Board a new Report of Waste Discharge. [CWC Section 13260(c)]. A material change includes, but is not limited to, the following:

- (a) Addition of a major industrial waste discharge to a discharge of essentially domestic sewage, or the addition of a new process or product by an industrial facility resulting in a change in the character of the Waste.

Standard Provisions Applicable to
Waste Discharge Requirements

- (b) Significant change in disposal method, e.g., change from a land disposal to a direct discharge to water, or change in the method of treatment which would significantly alter the characteristics of the waste.
- (c) Significant change in the disposal area, e.g., moving the discharge to another drainage area, to a different water body, or to a disposal area significantly removed from the original area potentially causing different water quality or nuisance problems.
- (d) Increase in flow beyond that specified in the waste discharge requirements.
- (e) Increase in area or depth to be used for solid waste disposal beyond that specified in the waste discharge requirements. [CCR Title 23 Section 2210]

6. REVISION

These waste discharge requirements are subject to review and revision by the Regional Board. [CCR Section 13263]

7. TERMINATION

Where the discharger becomes aware that it failed to submit any relevant facts in a Report of Waste Discharge or submitted incorrect information in a Report of Waste Discharge or in any report to the Regional Board, it shall promptly submit such facts or information. [CWC Sections 13260 and 13267]

8. VESTED RIGHTS

This Order does not convey any property rights of any sort or any exclusive privileges. The requirements prescribed herein do not authorize the commission of any act causing injury to persons or property, do not protect the discharger from his liability under Federal, State or local laws, nor do they create a vested right for the discharger to continue the waste discharge. [CWC Section 13263(g)]

9. SEVERABILITY

Provisions of these waste discharge requirements are severable. If any provision of these requirements are found invalid, the remainder of these requirements shall not be affected. [CWC Section 921]

Standard Provisions Applicable to
Waste Discharge Requirements

10. OPERATION AND MAINTENANCE

The discharger shall, at all times, properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the discharger to achieve compliance with conditions of this Order. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls including appropriate quality assurance procedures. This provision requires the operation of backup or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this Order. [CWC Section 13263(f)]

11. HAZARDOUS RELEASES

Except for a discharge which is in compliance with these waste discharge requirements, any person who, without regard to intent or negligence, causes or permits any hazardous substance or sewage to be discharged in or on any waters of the State, or discharged or deposited where it is, or probably will be, discharged in or on any waters of the State, shall, as soon as (a) that person has knowledge of the discharge, (b) notification is possible, and (c) notification can be provided without substantially impeding cleanup or other emergency measures, immediately notify the Office of Emergency Services of the discharge in accordance with the spill reporting provision of the State toxic disaster contingency plan adopted pursuant to Article 3.7 (commencing with Section 8574.7) of Chapter 7 of Division 1 of Title 2 of the Government Code, and immediately notify the State Board or the appropriate Regional Board of the discharge. This provision does not require reporting of any discharge of less than a reportable quantity as provided for under subdivisions (f) and (g) of Section 13271 of the Water Code unless the discharger is in violation of a prohibition in the applicable Water Quality Control plan. [CWC Section 13271(a)]

12. PETROLEUM RELEASES

Except for a discharge which is in compliance with these waste discharge requirements, any person who without regard to intent or negligence, causes or permits any oil or petroleum product to be discharged in or on any waters of the State, or discharged or deposited where it is, or probably will be, discharged in or on any waters of the State, shall, as soon as (a) such person has knowledge of the discharge, (b) notification is possible, and (c) notification can be provided without substantially impeding cleanup or other emergency measures, immediately notify the Office of Emergency Services of the discharge in accordance with the spill reporting provision of the State oil spill contingency plan adopted pursuant to Article 3.5 (commencing with Section 8574.1) of Chapter 7 of Division 1 of Title 2 of the Government Code. This provision does not require reporting of any discharge of less than 42 gallons unless the discharge is also required to be reported pursuant to Section 311 of the Clean Water Act or the discharge is in violation of a prohibition in the applicable Water Quality Control Plan. [CWC Section 13272]

Standard Provisions Applicable to
Waste Discharge Requirements

13. ENTRY AND INSPECTION

The discharger shall allow the Regional Board, or an authorized representative upon the presentation of credentials and other documents as may be required by law, to:

- (a) Enter upon the discharger's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Order;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Order;
- (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order; and
- (d) Sample or monitor at reasonable times, for the purposes of assuring compliance with this Order, or as otherwise authorized by the California Water Code, any substances or parameters at any location. [CWC Section 13267]

14. MONITORING PROGRAM AND DEVICES

The discharger shall furnish, under penalty of perjury, technical monitoring program reports; such reports shall be submitted in accordance with specifications prepared by the Executive Officer, which specifications are subject to periodic revisions as may be warranted. [CWC Section 13267]

All monitoring instruments and devices used by the discharger to fulfill the prescribed monitoring program shall be properly maintained and calibrated as necessary to ensure their continued accuracy. All flow measurement devices shall be calibrated at least once per year, or more frequently, to ensure continued accuracy of the devices. Annually, the discharger shall submit to the Executive Officer a written statement, signed by a registered professional engineer, certifying that all flow measurement devices have been calibrated and will reliably achieve the accuracy required.

Unless otherwise permitted by the Regional Board Executive officer, all analyses shall be conducted at a laboratory certified for such analyses by the State Department of Health Services. The Regional Board Executive Officer may allow use of an uncertified laboratory under exceptional circumstances, such as when the closest laboratory to the monitoring location is outside the State boundaries and therefore not subject to certification. All analyses shall be required to be conducted in accordance with the latest edition of "Guidelines Establishing Test Procedures for Analysis of Pollutants" [40 CFR Part 136] promulgated by the U.S. Environmental Protection Agency. [CCR Title 23, Section 2230]

Standard Provisions Applicable to
Waste Discharge Requirements

15. TREATMENT FAILURE

In an enforcement action, it shall not be a defense for the discharger that it would have been necessary to halt or to reduce the permitted activity in order to maintain compliance with this Order. Upon reduction, loss, or failure of the treatment facility, the discharger shall, to the extent necessary to maintain compliance with this Order, control production or all discharges, or both, until the facility is restored or an alternative method of treatment is provided. This provision applies, for example, when the primary source of power of the treatment facility fails, is reduced, or is lost. [CWC Section 13263(f)]

16. DISCHARGES TO NAVIGABLE WATERS

Any person discharging or proposing to discharge to navigable waters from a point source (except for discharge of dredged or fill material subject to Section 404 of the Clean Water Act and discharge subject to a general NPDES permit) must file an NPDES permit application with the Regional Board. [CCR Title 2 Section 22357]

17. ENDANGERMENT TO HEALTH AND ENVIRONMENT

The discharger shall report any noncompliance which may endanger health or the environment. Any such information shall be provided verbally to the Executive Officer within 24 hours from the time the discharger becomes aware of the circumstances. A written submission shall also be provided within five days of the time the discharger becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance. The Executive officer, or an authorized representative, may waive the written report on a case-by-case basis if the oral report has been received within 24 hours. The following occurrence(s) must be reported to the Executive Officer within 24 hours:

- (a) Any bypass from any portion of the treatment facility.
- (b) Any discharge of treated or untreated wastewater resulting from sewer line breaks, obstruction, surcharge or any other circumstances.
- (c) Any treatment plant upset which causes the effluent limitation of this Order to be exceeded. [CWC Sections 13263 and 13267]

18. MAINTENANCE OF RECORDS

The discharger shall retain records of all monitoring information including all calibration and maintenance records, all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this Order, and records of all data used

Standard Provisions Applicable to
Waste Discharge Requirements

to complete the application for this Order. Records shall be maintained for a minimum of three years from the date of the sample, measurement, report, or application. This period may be extended during the course of any unresolved litigation regarding this discharge or when requested by the Regional Board Executive Officer.

Records of monitoring information shall include:

- (a) The date, exact place, and time of sampling or measurements;
 - (b) The individual(s) who performed the sampling or measurements;
 - (c) The date(s) analyses were performed;
 - (d) The individual(s) who performed the analyses;
 - (e) The analytical techniques or method used; and
 - (f) The results of such analyses.
19. (a) All application reports or information to be submitted to the Executive Officer shall be signed and certified as follows:
- (1) For a corporation -- by a principal executive officer or at least the level of vice president.
 - (2) For a partnership or sole proprietorship -- by a general partner or the proprietor, respectively.
 - (3) For a municipality, state, federal, or other public agency -- by either a principal executive officer or ranking elected official.
- (b) A duly authorized representative of a person designated in paragraph (a) of this provision may sign documents if:
- (1) The authorization is made in writing by a person described in paragraph (a) of this provision.
 - (2) The authorization specifies either an individual or position having responsibility for the overall operation of the regulated facility or activity; and
 - (3) The written authorization is submitted to the Executive Officer.

Any person signing a document under this Section shall make the following certification:

Standard Provisions Applicable to
Waste Discharge Requirements

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. [CWC Sections 13263, 13267, and 13268]"

20. OPERATOR CERTIFICATION

Supervisors and operators of municipal wastewater treatment plants and privately owned facilities regulated by the PUC, used in the treatment or reclamation of sewage and industrial waste shall possess a certificate of appropriate grade in accordance with Title 23, California Code of Regulations Section 3680. State Boards may accept experience in lieu of qualification training. In lieu of a properly certified wastewater treatment plant operator, the State Board may approve use of a water treatment plant operator of appropriate grade certified by the State Department of Health Services where reclamation is involved.

Each plant shall be operated and maintained in accordance with the operation and maintenance manual prepared by the municipality through the Clean Water Grant Program. [CWC Title 23, Section 2233(d)]

ADDITIONAL PROVISIONS APPLICABLE TO
PUBLICLY OWNED TREATMENT WORKS' ADEQUATE CAPACITY

21. Whenever a publicly owned wastewater treatment plant will reach capacity within four years the discharger shall notify the Regional Board. A copy of such notification shall be sent to appropriate local elected officials, local permitting agencies and the press. The discharger must demonstrate that adequate steps are being taken to address the capacity problem. The discharger shall submit a technical report to the Regional Board showing flow volumes will be prevented from exceeding capacity, or how capacity will be increased, within 120 days after providing notification to the Regional Board, or within 120 days after receipt of notification from the Regional Board, of a finding that the treatment plant will reach capacity within four years. The time for filing the required technical report may be extended by the Regional Board. An extension of 30 days may be granted by the Executive Officer, and longer extensions may be granted by the Regional Board itself. [CCR Title 23, Section 2232]