

State of California
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM NO. CI-8441
for
WESTERN PACIFIC HOUSING, INC.
(RIVER PARK PROJECT)

Enrollment under Regional Board Order No. 93-010 (Series No. 004)
(FILE NO. 02-102)

I. REPORTING REQUIREMENTS

- A. The Discharger shall implement this monitoring program from the effective date of this enrollment (September 20, 2002) under Regional Board order No. 93-010. The first monitoring report under this monitoring program is due by October 15, 2002. Monitoring reports shall be submitted monthly and must be received by the Regional Board by the fifteenth day of the second month following the sampling period. If there is no discharge, the report shall so state. Monitoring reports must be addressed to the Regional Board, Attention: Information Technology Unit.
- B. By January 30 of each year, the Discharger shall submit an annual summary report to the Regional Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous calendar year. In addition, the discharger shall discuss the compliance record and the corrective actions taken or planned, which may be needed to bring the discharge into full compliance with waste discharge requirements.
- C. Laboratory analysis – all chemical analysis shall be conducted at a laboratory certified for such analyses by the California Department of Health Services Environmental Laboratory Accreditation Program (ELAP). A copy of the laboratory certification shall be provided each time that a new and/or renewal certification is obtained from ELAP.
- D. The method limits (MLs) employed for effluent analyses shall be lower than the permit limits established for a given parameter, unless the discharger can demonstrate that a particular ML is not attainable and obtains approval for a higher ML from the Executive Officer. At least once a year, the discharger shall submit a list of the analytical methods employed for each test and the associated laboratory Quality Assurance/Quality Control (QA/QC) procedures.
- E. Water/wastewater samples must be analyzed within allowable holding time limits as specified in 40 CFR Part 136.3. QA/QC samples must be run on the same dates as the Discharger samples are analyzed. The Discharger shall make available for inspection and/or submit the QA/QC documentation upon request by Regional Board staff.

Proper chain of custody procedures must be followed and a copy of the chain of custody documentation shall be submitted with the report.

September 20, 2002

- F. Each monitoring report must affirm in writing that "All analyses were conducted at a laboratory certified for such analyses by the California Department of Health Services, and in accordance with current United States Environmental Protection Agency (USEPA) guideline procedures or as specified in this Monitoring Program."
- G. For every item where the requirements are not met, the Discharger shall submit a statement of the cause(s), and actions undertaken or proposed which will bring the discharge into full compliance with waste discharge requirements at the earliest possible time, including a timetable for implementation of those actions.
- H. The Discharger shall maintain all sampling and analytical results, including strip charts; date; exact place, and time of sampling; dates analyses were performed; analyst's name; analytical techniques used; and results of all analyses. Such records shall be retained for a minimum of three years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge, or when requested by the Regional Board.
- I. In reporting the monitoring data, the Discharger shall arrange the data in tabular form so that the date, the constituents, and the concentrations are readily discernible. The data shall be summarized to demonstrate compliance with the requirements and, where applicable, shall include results of receiving water observations.
- J. Any mitigation/remedial activity including any pre-discharge treatment conducted at the site must be reported in the monthly monitoring report.

II. WATER QUALITY MONITORING REQUIREMENTS

- A. Maintenance Reporting: The Discharger shall submit a monthly operation and maintenance report for the facility including the disposal system of the wastewater. The information to be contained in the report shall include, at a minimum, the following:
 - 1. The name and address of the person or company responsible for the operation and maintenance of the facility;
 - 2. Type of maintenance (preventive or corrective action performed);
 - 3. Frequency of maintenance, if preventive;
 - 4. Estimated amount of water used for compaction and for dust control;
 - 5. Description of any change in the dewatering approach, if changed;
 - 6. Verification that there is no runoff from the pumping and discharge systems to surface waters; and
 - 7. Maintenance records for the pumping, discharge, and wastewater disposal system.

- B. Effluent Monitoring: A sampling station shall be located where representative samples of that effluent can be obtained. The following shall constitute the effluent monitoring program:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
Total flow	gal/day	N/A	Daily
pH	pH Units	grab	Monthly
Total dissolved solids	mg/L ^{***}	grab	Monthly
Sulfate	mg/L	grab	Monthly
Chloride	mg/L	grab	Monthly
Boron	mg/L	grab	Monthly
MTBE*	mg/L	grab	Weekly
Priority pollutants**	mg/L	grab	Twice ¹

* MTBE: Methyl-tertiary-butyl-ether

** Priority Pollutants are listed in Attachment A

*** Milligrams per liter

- C. Water Level Monitoring: Water level monitoring shall be conducted at least four weeks before the onset of dewatering, during the dewatering, and at least ten weeks after the completion of the dewatering operations. The monitoring frequency shall be weekly at the UWCD "NAW" Well (2N/22W-14G8), El Rio Basin Monitoring Well (2N/22W-23D6), Well No. 15R2, Well No. MW10, Well No. 22G1, Large Woolsey pit, Small Woolsey-Vickers pit, and Brigham pit.

- D. Groundwater Monitoring: Groundwater samples shall be located from Well Nos. 2N22W-23D6, 15R2, 22H1, 22G1, 21H2 and a monitoring well to be located at the north east corner of the Large Woolsey pit during the dewatering operation. The first samples shall be collected during the first week of dewatering operation and shall be analyzed for the following constituents:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
pH	pH Units	grab	Monthly
Total dissolved solids	mg/L	grab	Monthly
Sulfate	mg/L	grab	Monthly
Chloride	mg/L	grab	Monthly
Boron	mg/L	grab	Monthly
MTBE	mg/L	grab	Weekly
Priority pollutants	mg/L	grab	Quarterly

¹ Two effluent samples shall be collected and analyzed during the dewatering operation. One sample shall be collected during the first day of dewatering and the other shall be collected by the last day of the dewatering activities.

- E. Post Groundwater Monitoring: A post groundwater monitoring program must be implemented at the monitoring Wells (well Nos. 2N22W-23D6, 15R2, 22H1, 22G1, 21H2, and a monitoring well to be located at the north east corner of the Large Woolsey pit) for twelve months after the completion of the dewatering operation. The following shall constitute the post groundwater monitoring program:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
pH	pH Units	grab	Quarterly
Total dissolved solids	mg/L	grab	Quarterly
Sulfate	mg/L	grab	Quarterly
Chloride	mg/L	grab	Quarterly
Boron	mg/L	grab	Quarterly
MTBE	mg/L	grab	Quarterly
Priority pollutants ²	mg/L	grab	Semi-annually

- F. Surface Water Monitoring: Surface water samples shall be collected from a surface water monitoring station to be located at the northeast corner of Small Woolsey pit during the dewatering operation. The first samples shall be collected during the first week of dewatering operation and shall be analyzed for the following constituents:

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
pH	pH Units	grab	Monthly
Total dissolved solids	mg/L	grab	Monthly
Sulfate	mg/L	grab	Monthly
Chloride	mg/L	grab	Monthly
Boron	mg/L	grab	Monthly
MTBE	mg/L	grab	Weekly
Priority pollutants	mg/L	grab	Quarterly

- G. Post Surface Water Monitoring: A post surface water monitoring program must be implemented at the surface water sampling location for twelve months after the completion of the dewatering operation. The following shall constitute the post surface water monitoring program:

² Any constituent of the priority pollutants detected during the groundwater monitoring shall be subject to the post groundwater monitoring program.

<u>Constituent</u>	<u>Unit</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis</u>
pH	pH Units	grab	Quarterly
Total dissolved solids	mg/L	grab	Quarterly
Sulfate	mg/L	grab	Quarterly
Chloride	mg/L	grab	Quarterly
Boron	mg/L	grab	Quarterly
MTBE	mg/L	grab	Quarterly
Priority pollutants ²	mg/L	grab	Semi-annually

III. MONITORING FREQUENCY

Monitoring frequencies may be adjusted to a less frequent basis and/or parameters dropped by the Executive Officer if the Discharger makes a request which is supported by statistical trends of monitoring data.

IV. CERTIFICATION STATEMENT

Each report 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)

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: _____
 Dennis A. Dickerson
 Executive Officer

Date: September 20, 2002