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CLEAN CLOSURE CERTIFICATION REPORT, WASTE DISCHARGE REQUIREMENTS ORDER R5-2008-0106, FOLSOM CORPORATION YARD LANDFILL, SACRAMENTO COUNTY

Central Valley Water Board staff reviewed the November 2009 construction certification report for clean closure of the Folsom Corporation Yard Landfill (*Landfill Clean Closure Certification Report, Corporation Yard Landfill, Folsom, Ca*) prepared by Brown and Caldwell. The report, submitted in response to Waste Discharge Requirements (WDRs) Order R5-2008-0106, Provision H.8.b, documents removal of the landfill as prescribed under the WDRs and approved Clean Closure Plan (CCP). The clean closure activities began in September 2008 and ended in early October 2009.

The construction activities included the following:

- Waste excavation
- Waste segregation (e.g., screening, sorting)
- Waste characterization (e.g., analytical testing)
- Stockpile management
- Disposal, recycling, and onsite reuse
- Confirmation testing and backfilling
- Grading and hydro-seeding

The report states that approximately 77,200 cubic yards of waste, including 52,225 cubic yards of soil mixed with debris, were excavated. The debris included construction and demolition wastes (e.g., asphalt, wood, broken concrete, metal, asbestos pipe); street litter (e.g., plastic, glass, paper, green waste); household refuse (e.g., toys, clothing, cans, and bottles); and tires. Approximately 24,975 cubic yards of debris-free soil were also excavated, including overburden, landfill cover material, in situ soil, and liner from the former sewage plant ponds.

Excavated recyclables (e.g., tires, concrete, asphalt) and hazardous wastes (e.g., oil filters, batteries, asbestos pipe) were segregated and transported to authorized facilities. Segregated trash, soil mixed with trash, and other non-inert debris were disposed of at appropriate offsite disposal facilities, as was excavated soil that exceeded cleanup levels. The remaining excavated soil was determined to be inert and used as backfill. As documented in the report, all soil cleanup goals for the project were achieved.

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The project also included pumping and removal of groundwater from monitoring well FCY-8, which appeared to have been impacted by inorganic constituents from the landfill. Approximately 6,456 gallons were pumped from the well and discharged to the City's sanitary sewer system.

California Code of Regulations, title 27, section 21090(f) states, in part:


The discharger shall have successfully clean-closed a landfill only if:

- (1) All waste materials, contaminated components of the containment system, and affected geologic materials — including soils and rock beneath and surrounding the Unit, and ground water polluted by a release from the Unit — are either removed and discharged to an appropriate Unit or treated to the extent that the RWQCB finds they no longer pose a threat to water quality;
- (2) All remaining containment features are inspected for contamination and, if contaminated, discharged in accordance with ¶(f)(1).

Based on our review of the report, we find the following:

1. The report is complete and satisfies the reporting requirement for documenting the project under the WDRs.
2. The Folsom Corporation Yard Landfill has been removed and no longer exists.
3. The clean closure project activities were implemented consistent with the WDRs, CCP, and Title 27 regulations.
4. The City of Folsom remains responsible for compliance with the WDRs, including the monitoring and reporting program (MRP). The City is thus responsible for continued postclosure groundwater monitoring under the MRP and, consistent with section 21090(f)(1), for implementing any additional corrective action measures necessary to achieve compliance with the Water Quality Protection Standard (WQPS). To demonstrate compliance with the WQPS, concentration limits must be achieved for all groundwater constituents of concern along the point of compliance. At least three consecutive years of continuous compliance with the WQPS (including the required "proof period" under WDR Monitoring Specification G.27) must be demonstrated through monitoring. See MRP Section C.5.
5. The next monitoring reports due under the WDRs are the 2009 Second Semiannual and 2009 Annual monitoring reports, both due by 31 January 2010.

We would like to take this opportunity to commend the City of Folsom for its progress to date in cleaning up the Folsom Corporation Yard Landfill site and, with your continued efforts, look forward to a successful outcome for this project. If you have any questions, please feel free to call John Moody of my staff at (916) 464-4641.


for PAMELA C. CREEDON
Executive Officer

cc: Frank Davies, California Integrated Waste Management Board, Sacramento
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