

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

STAFF SUMMARY REPORT
(DEVENDER NARALA)
MEETING DATE: June 11, 2014

ITEM: 5C

SUBJECT: **SHELL OIL PRODUCTS AND EQUILON ENTERPRISES LLC,
SHELL MARTINEZ REFINERY, MARTINEZ, CONTRA COSTA
COUNTY** – Adoption of Site Cleanup Requirements

CHRONOLOGY: Waste Discharge Requirements adopted in 1988 and 1995; updated in 2013
Site Cleanup Requirements adopted in 1987 and rescinded in 1995

DISCUSSION: The Revised Tentative Order (Appendix A) would issue new Site Cleanup
Requirements for continued maintenance and monitoring of corrective action
areas that were not addressed in Shell's 2013 Waste Discharge Requirements.

Shell's refinery was established in 1913 as a petroleum products terminal, and
refining operations commenced in 1916. The refinery currently manufactures
various hydrocarbon products including gasoline, diesel, jet, and industrial fuels.

Shell has implemented corrective actions to intercept contaminated groundwater
at various locations and thus to prevent offsite migration of the groundwater
towards Carquinez Strait. This contamination consists primarily of separate-
phase petroleum hydrocarbons (SPH) and dissolved hydrocarbons. Each of the
five groundwater basins within the refinery property has its own groundwater
extraction system to collect SPH, maintain hydraulic control of groundwater, and
prevent offsite migration. This Order requires continuation of those corrective
actions.

As described in the Response to Comments (Appendix C), staff revised the
tentative order circulated for public comment to address minor comments
submitted by Shell (Appendix B) as appropriate. Shell has indicated acceptance
of the Revised Tentative Order. The Revised Tentative Order also includes
minor staff-generated changes. We anticipate this action will remain
uncontested.

**RECOMMEN-
DATION:** Adoption of the Revised Tentative Order

FILE NO. CIWQS # 224986; GeoTracker # T0601300265

APPENDIX: A – Revised Tentative Order
B – Comments Received
C – Response to Comments

Appendix A
Revised Tentative Order

Appendix B
Comments Received

Appendix C
Response to Comments