California Regional Water Quality Control Board
North Coast Region

Monitoring and Reporting Program No. R1-2016-0025
(Rescinds and Replaces Monitoring and Reporting Program No. R1-2007-0006)

FOR

ECODYNE CORPORATION
930 Shiloh Road
Windsor, California
Case No. 1NSO037

Sonoma County

This Monitoring and Reporting Program is issued pursuant to California Water Code Section 13267(b) and requires monitoring of storm water and groundwater, site inspections, and the submission of technical reports. The objective of monitoring conducted under this monitoring program is to provide the Discharger and the Regional Water Board with information concerning groundwater and storm water quality, trends, and site conditions.

This Monitoring and Reporting Program rescinds and replaces Monitoring and Reporting Program No. R1-2007-0006.

Under the authority of California Water Code section 13267, the Discharger named above is required to comply with the following:

MONITORING

1. The Discharger shall monitor storm water runoff at location 1 as shown on Attachment A. A water sample shall be taken during the first runoff producing rainfall of each rainy season that occurs during daylight hours Monday through Friday, excluding holidays. Storm water samples will be analyzed for dissolved total chromium and dissolved hexavalent chromium.

2. Site inspections shall be conducted annually prior to the rainy season (October 15) to assess the surface of the site for signs of erosion, the condition of storm water erosion control along the drainage canal, and maintenance of monitoring well head integrity.

3. Prior to purging and sampling, the depth to groundwater in all monitoring wells shall be determined to at least 0.01 foot increments biennially (every two years).

4. Groundwater samples shall be collected biennially starting in 2016. Groundwater samples shall be collected in the spring (March, April, May). Groundwater samples shall be analyzed dissolved total chromium and dissolved hexavalent chromium from the wells listed below and shown on Attachment A.

Shallow Wells	Intermediate Wells
M-04	IW-01
M-05	IW-02
M-08	IW-05
M-12	IW-08
M-21	IW-11
M-22	

5. One external spike, one field blank, and one field duplicate shall be submitted to the analytical laboratory and analyzed for dissolved total chromium and dissolved hexavalent chromium during each groundwater sampling event.

6. All laboratory analyses shall be performed at a California certified laboratory. Analytical methods for sample analyses shall achieve practical quantification reporting limits that are adequate for evaluating regulatory action levels for each constituent. Collected groundwater and storm water samples shall be analyzed in accordance using the following U.S. Environmental Protection Agency (EPA) methods and reporting limits:

Constituent	Method	Reporting Limits
Dissolved Total Chromium	EPA 6010	10 µg/L
Dissolved Hexavalent Chromium	EPA 218.6	0.5 µg/L

REPORTING

1. Biennial monitoring reports shall be submitted to the Regional Water Board by June 15 of each year groundwater sampling is performed.

2. Each report will summarize the results of storm water sampling (2 events); groundwater monitoring and sampling (1 event); and site inspections (2 events).

3. Monitoring data and reports shall be submitted to the Regional Water Board via the State Water Resources Control Board's Geographic Environmental Information Management System database (GeoTracker) as specified in Title 23, Division 3, Chapter 30, Article 2, Sections 3890-3895 of the California Code of Regulations.

4. Monitoring reports shall be prepared by or under the supervision of a California Professional Civil Engineer or Geologist.

5. Each monitoring report shall include the following elements:
   a. A narrative description of the work conducted.
   b. Field notes and/or sampling logs documenting such activities as well purging, aquifer parameter testing, well recharge prior to sampling.
   c. Chain-of-custody documentation.

d. Laboratory reports including quality control data.
e. An accurately scaled site plan showing all sampling points in relation to significant site features.
f. Groundwater elevation contours plotted at the same scale as the site plan.
g. Data tables summarizing all historical monitoring and analytical data for each sampling location.

6. The results of the depth to groundwater measurements shall be reported in tabular form indicating the surveyed elevations of each reference point, depth to groundwater from the reference point, and the actual groundwater elevation. The data generated from the elevation readings must be referenced to the same elevation datum used for GeoTracker.

Digitally signed by Claudia Villacorta
Date: 2016.05.02 09:58:50 -07'00'

Ordered by _____
Water Boards

Matthias St. John
Executive Officer
May 2, 2016

Legend

Shallow Zone Groundwater Monitoring Well

Intermediate Zone Groundwater Monitoring Well

Chain-Link Fence

Catch Basin

Drainage Canal Flow

M-22

IW-05

Unpaved

Underground Stormdrain

M-05

M-21

IW-01

Access Gate

IW-11

IW-02

M-04

Former Pond

Location 1

DenBeste Property

IW-08

M-08

M-12

Drainage Canal Flow

Northern Pacific Railroad

Property Fence

Mount Storm Forest Products Building

Building

Building

0 FEET 60

SCALE

MWH

FORMER ECODYNE CORPORATION SITE
930 SHILOH ROAD
WINDSOR, CALIFORNIA

Attachment A
Monitoring Plan

FILE No. CAD MLUEBKE\ECODYNE\SITE PLAN 2 19 15