

SECTION III. GROUNDWATER MONITORING

III.A. Well Construction and Location

The Permittee shall install and/or maintain a groundwater monitoring system to comply with the requirements of 40 CFR 264.95, 264.97, and 264.99 as specified below:

1. The Permittee shall maintain, well-marked and in good working order, the following groundwater monitoring wells at the locations specified on Figure E-3.2 of the Permit Application, as amended, as well as any additional wells or piezometers that may be required by Condition III.A.2 of this Permit:

a.	MW-1S	MW-1D	MW-2S	MW-2DR	MW-3
	MW-4S	MW-4D	MW-5S	MW-5D	MW-6S
	MW-6D	MW-7S	MW-7D	MW-8S	MW-8DR
	MW-9S	MW-9D	MW-10S	MW-10D	MW-11S
	MW-11D	MW-12S	MW-12D	MW-13S	MW-13D
	MW-13DD	MW-13D3	MW-14S	MW-14D	MW-15
	MW-16	MW-17	MW-18	MW-19R	MW-20
	MW-21	MW-22	MW-23	MW-24S	MW-24D
	MW-26	MW-27	MW-28	MW-29	MW-103

b. Monitoring well MW-3 is the background groundwater monitoring well for the facility. If the groundwater in this well no longer represents background water conditions for the facility, the Permittee shall submit a plan to install a new background well.

c. Monitoring wells MW-1S, MW-4S, MW-5S, MW-12S and MW-13S shall define the point of compliance (POC) for the six HWMUs identified in Section II.A.

2. The Permittee shall install and maintain additional groundwater monitoring wells as necessary, or as specified by the Director, to assess changes in the rate and extent of any plume of contamination, or as otherwise deemed necessary to maintain compliance with 40 CFR 264.95, 264.97 and 264.99. A plan specifying the design, location and installation of any additional monitoring wells shall be submitted within sixty (60) days prior to installation (unless it is deemed appropriate by the Director and the Permittee that the wells should be installed on an accelerated schedule). The plan shall include, but is not limited to, the following:

- a. Well construction techniques including casing depth(s) and proposed total depth of well(s);
- b. Well development method(s);
- c. A complete evaluation of well construction materials;
- d. A schedule of implementation for construction; and