TO: Ronald McCulley & Alexander Weinrich

Bureau of Water Facilities Regulation

Underground Injection Control Section – MS 3500

THROUGH:

(An employee of Div. of Waste Management or DEP District Office)

FROM:

DATE:

SUBJECT: **In Situ Air1 Sparging Aquifer Remediation Well(s) at a Contaminanted**2**Site**

Pursuant to paragraph 62‑528.630(2)(c), F.A.C, inventory information is provided below to notify you of proposed Class V, Group 4, aquifer remediation well(s) to be constructed for groundwater remediation at a petroleum remediation site. The remediation system has been designed to inject atmospheric air only with no additional chemical additives.

Facility name:

Facility address:

City/County:

Latitude/Longitude:

(of center of air sparging well field)

FDEP Facility Number:

Facility owner’s name:

Facility owner’s address:

Well contractor’s name:

Well contractor’s address:

The design of the treatment system consists of the following:

Design total air flow rate: (cfm) at (psi)

Number of air sparging wells:

 Total estimated aquifer area affected by air sparging:

The air sparging wells will be installed in the surficial aquifer. The following is a summary description of the affected aquifer:

Name of aquifer:

Depth to groundwater (feet):

Aquifer thickness (feet):

Areal extent of contamination (square feet):

A site map showing the air sparging well locations and depicting composite radii of influence is attached. The air sparging wells will be designed as follows:

Number of wells:

Diameter of well(s) (i.e., riser pipe & screen) (inches):

Total range of depths of screened intervals of all air sparging well(s) (feet):

 to feet below land surface

Note: As the site rehabilitation proceeds, it may be necessary to cease operation of some air sparging wells, modify air flow rates to other wells, or add additional wells based on changes in the extent and degree of groundwater contamination. Such changes to increase contaminated groundwater cleanup efficiency do not need to be reported to the UIC Section.

The RAP estimates that site rehabilitation will take years.

The proposed remediation plan was approved on by an enforceable approval order. A copy is attached. The remediation system installation is expected to commence within 60 days. Please call me at if you require additional information.