

## Memorandum

# Florida Department of Environmental Protection

FILE COPY

**TO:** Mary Nogas, Northeast District Office

**THROUGH:** Jim Crane, Bureau of Waste Cleanup *JJC*

**FROM:** Michelle Allard, Bureau of Waste Cleanup *MA*

**DATE:** May 5, 1999

**SUBJECT:** 1999 Semi-Annual Groundwater, Surface Water and Leachate Monitoring Results for the Trail Ridge Landfill site, Duval County

As the cover letter of the report implies, the following monitor wells had elevated iron concentrations above the standard of .3 mg/l in the groundwater samples; MWB-19I (.9 mg/l), MWB-19D (.9 mg/l), MWB-2S (.4 mg/l), MWB-31D (.4 mg/l), MWB-3S (.6 mg/l), MWB-3I (.6 mg/l), MWB-17S (.5 mg/l) and duplicate (.4 mg/l), MWB-17D (.6 mg/l), MWB-20S (.6 mg/l), MWB-11S (.4 mg/l), MWB-11I (.11 mg/l), MWB-12I (.4 mg/l), MWB-12D (.9 mg/l) and MWB-22S (.4 mg/l). In addition, MWB-21S (.7 mg/l) also had an elevated iron concentration.

Low pH values were reported for MWB2S (4.39), MWB3S (4.53), MWB2I (4.66), MWB3I (4.75), MWB19S (4.87), MWB11S (4.05), MWB12S (4.86), MWB20S (4.11), MWB22S (4.64), MWB7S (4.62), MWB21S (4.66), MWB19I (5.06), MWB11I (5.22), MWB12I (5.34), MWB7I (5.31), MWB17S (4.69), MWB17I (4.78), MWB17D (5.68), MWB13S (5.08), MWB13I (5.07), DUP01 (4.69) and DUP02 (4.86).

As further noted on the cover letter, lead exceeded it's standard in MWB11I (.03 mg/l) and vanadium exceeded its standard in MWB11I (.11 mg/l).

Other observations listed in the groundwater sample data sheets included odor and color comments. MWB11S, MWB2S, MWB7S, MWB19I, MWB12I, MWB17S, MWB13S, MWB13I, DUP01 and DUP02 had slight odors noted. MWB19S, MWB7S, MWB19I, MWB17S, MWB13S, DUP01 and DUP02 had high color unit values recorded. MWB21S had a strong odor and tan sheen. MWB11I had a strong field odor, but no sheen noted.

The leachate samples had field odors noted.

Please contact me at Suncom 278-3935, if you have any questions regarding this review.