EXHIBIT I

OAK HAMMOCK DISPOSAL, CLASS I LANDFILL

WACS_FACILITY: 89544

MONITORING PLAN IMPLEMENTATION SCHEDULE
(REVISED 07-24-2007)

GENERAL

1.   The permittee must initiate implementation of this Monitoring Plan within ninety (90) days from the date of permit issuance. [*62-701.510(1)(b)&(c), 62-522.600(5), Florida Administrative Code (F.A.C.)*]

2.   The field testing, sample collection and preservation and laboratory testing, including quality control procedures, shall be in accordance with Chapter 62-160 Florida Administrative Code (F.A.C.). Approved methods as published by the Department or as published in Standard Methods, ASTM, or EPA Methods shall be used. [*62-701.510(2)(b), F.A.C.*]

3.   The organization collecting samples at this site must use the Field and Laboratory Standard Operating Procedures (DEP-SOP-001/01) in Chapter 62-160, F.A.C. Sampling personnel must have a copy of the SOP for purging and sampling in the field when sampling and must be knowledgeable of its contents, procedures, and forms. The laboratory designated to conduct the chemical analyses must be certified by the Florida Department of Health Environmental Laboratory Certification Program (DoH ELCP). This Certification must be for the test method and analyte(s) that are reported. [*62-160.210(1), 62-160.320(1), F.A.C.*]

    NOTE: DEP-SOP-001/01 can be accessed at: http://www.dep.state.fl.us/labs/qa/sops.htm

4.   If, at any time, analyses detect parameters which are significantly above background water quality, or which are at levels above the Department's water quality standards or criteria specified in Chapter 62-520, F.A.C., in the detection wells or at the edge of the Zone of Discharge, the Permittee, to confirm the data, shall resample the wells within thirty (30) days of receipt of the sampling data. Should the permittee choose not to resample, the Department will consider the water quality analysis as representative of current ground water conditions at the facility. The permittee must notify the Department within 14 days of receipt of the sampling data whether the original data will be accepted as representative of current ground water conditions or whether resampling will be accomplished to confirm the data. [*62-701.510(7)(a), F.A.C.*]

    If the resampling event detects parameters which are significantly above background water quality, or which are at levels above the Department's water quality standards or criteria specified in Chapter 62-520, F.A.C., the Permittee shall notify the Department in writing within 14 days of receipt of the sampling data. Confirmed data must be submitted to the Department within 60 days from completion of lab analyses. Use "CONF" (for confirmation data) in the report type column. [*62-701.510(7)(a), F.A.C.*]

    Upon notification by the Department, the permittee shall initiate evaluation

monitoring in accordance with Rule 62-701.510(7) F.A.C. [**62-701.730(4)(b), 62-701.510(7)(a), F.A.C.**]

GROUND WATER QUALITY MONITORING

5. The sixty-three (63) ground water monitoring wells designated for water quality testing are listed on **Attachment A** and are shown on **Attachment B**. The sixty-three (63) wells and piezometers for water level measurements are listed on **Attachment A** and shown on **Attachment B**. [**62-701.510(3)(d)2 & 3, F.A.C.**]

    NOTE: Unless otherwise approved by the Department, wells with high turbidities must be remediated or reinstalled to reduce the turbidity value to less than 20 NTU prior to sample collection. Should any ground water sample exhibit dissolved oxygen concentrations greater than 20% of oxygen saturation at the field measured temperature, the sampled well must be repurged then resampled as soon as an acceptable dissolved oxygen value has been attained unless it can be demonstrated that in situ ground water contains higher levels of dissolved oxygen. All water quality analyses will be performed on unfiltered samples unless approved by the Department.

6. Initial samples collected from ground water monitoring well clusters MW-16, MW-17, MW-18, MW-19, MW-20, MW-21, MW-22 and MW-23 shall be collected before any waste is deposited in Phases 2 and 3. The samples shall be analyzed for the list of Initial Ground Water Parameters on **Attachment D**. [**62-701.510(6)(b)2, F.A.C.**]

7. Semi-annual samples from the sixty-three (63) ground water monitoring wells shall be collected in **May** and **November**. The samples shall be analyzed for the list of Semi-Annual Ground Water Parameters on **Attachment E**. [**62-701.510(6)(d), F.A.C.**]

    Please confer with your consultant and analytical laboratory prior to sampling to ensure the analytical method is capable of achieving detection limits at or below the Ground Water Cleanup Target Levels (GCTLs) in Chapter 62-777, F.A.C. GCTLs are used as screening tools and interim guidelines for ground water minimum criteria until standards are promulgated.

8. Ground water levels in all wells, whether sampled or not, and all piezometers must be measured to the nearest 0.01 foot and reported semiannually unless required more frequently by permit condition. All water level measurements must be made within a one-day period. These measurements must be referenced to the National Geodetic Vertical Datum of 1929 (NGVD). [**62-701.510(9)(a)8, F.A.C.**]

SURFACE WATER MONITORING

9. The two (2) surface water sites included in this monitoring plan are SW-3 and SW-4. They are listed on **Attachment A** and shown on **Attachment C**. [**62-701.510(4)(c), F.A.C.**]

10. Semi-annual samples from the two (2) surface water monitoring sites shall be collected in **May** and **November.** The samples shall be analyzed for the list of

Semi-Annual Surface Water Parameters on **Attachment F**. [*62-701.510(6)(e), F.A.C.*]

Please confer with your consultant and analytical laboratory prior to sampling to ensure the analytical method is capable of achieving detection limits at or below the Surface Water Cleanup Target Levels (SCTLs) in Chapter 62-777, F.A.C. SCTLs are used as screening tools and interim guidelines for ground water minimum criteria until standards are promulgated.

11. Surface water elevations at sampling locations and must be measured to the nearest 0.01 foot on the same day as ground water levels in the wells and piezometers and reported semiannually unless required more frequently by permit condition. All water level measurements must be made within a one-day period. These measurements must be referenced to NGVD. [*62-701.510(9)(a)8, F.A.C.*]

LEACHATE QUALITY MONITORING

12. The sites designated for leachate quality testing are L-1, L-2, L-3, L-4, L-5, L-6, L-7, L-8, L-9 and L-10. The site is listed on **Attachment A** and shown on **Attachment B**. [*62-701.510(5), F.A.C.*]

13. Samples from the leachate monitoring site shall be collected annually in **November**. The samples shall be analyzed for the list of Annual Leachate Parameters on **Attachment G**. If the annual analysis indicates that a contaminant listed in 40 CFR Part 261.24 exceeds the regulatory level listed therein, the permittee shall initiate monthly sampling and analysis and shall notify the Department in writing. If in any three consecutive months no listed contaminant is found to exceed the regulatory level, the permittee may discontinue the monthly sampling and analysis and return to a routine sampling schedule. [*62-701.510(6)(c), F.A.C.*]

MONITORING WELL REQUIREMENTS

14. Installation of new monitoring well clusters MW-16, MW-17, MW-18, MW-19, MW-20, MW-21, MW-22 and MW-23 shall commence within ninety (90) days from the date of permit issuance. [*62-701.510(1)(b) & (c), 62-522.600(5), F.A.C.*]

15. If a monitoring well or piezometer becomes damaged or inoperable, the Permittee shall notify the Department in writing within seven (7) days. The written report shall describe what problem has occurred and the remedial measures that have been taken to prevent a recurrence. The Department can require the replacement of inoperable monitoring wells or piezometers. [*62-4.070(3), F.A.C.*]

16. New or replacement monitoring well design or placement must be approved by the Department. Proposed well construction details based on site-specific borings must be submitted with all supporting data (grain size distribution analyses, in-situ hydraulic conductivity testing, depth to water, etc.) for Department approval prior to well installation. Use of hollow stem auger equipment is recommended. Other drilling methods must be approved by the

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Department prior to well installation. [**62-522.600(3), F.A.C.**]

17.   All wells and piezometers shall be clearly and permanently labeled and the well site maintained so that the well is visible at all times. Protective barriers must be installed at all wells that may be subject to damage by heavy equipment or traffic. [**62-701.510(3)(d)2, F.A.C.**]

18.   An abandonment plan for abandoning any well that is unsuitable for ground water monitoring or for any piezometer must be approved by the Department prior to abandonment. [**62-701.510(3)(d)5, F.A.C.**]

REPORTING REQUIREMENTS

FIELD ACTIVITIES

19.   The Department must be notified in writing, hard copy or e-mail, at least fourteen (14) days prior to the installation and/or sampling of any monitoring well(s). [**62-701.510(9)(a), F.A.C.**]

MONITORING WELL COMPLETION

20.   One (1) paper copy and one (1) electronic copy of **Attachment H**, Monitoring Well Completion Report Form(as modified by the Central District) and required attachments (construction diagram and lithologic log), must be submitted to the Department within thirty (30) days after installation of new monitoring well clusters MW-16, MW-17, MW-18, MW-19, MW-20, MW-21, MW-22 and MW-23. In addition, as built well construction diagrams and soil boring logs that cover the entire depth of the monitoring well(s) must be submitted to the Department. **NOTE:** the top of casing elevation of each well, to an accuracy of 0.01 feet, and the latitude and longitude of each well in degrees, minutes and seconds, to two (2) decimal places, with an accuracy of 15 feet, must be determined and certified by a Florida Licensed Surveyor and Mapper and provided on the form.   In addition, as built well construction diagrams and soil boring logs that cover the entire depth of the monitoring well(s) must be submitted to the Department. [**62-701.510(3)(d)1, 62-532.410, F.A.C.**]

SURVEYING

21.   One (1) paper copy and one (1) electronic copy of a drawing must be submitted within thirty (30) days following monitoring well installation showing the location of all monitoring wells (active and abandoned), water bodies and waste filled areas. The location of features on the drawing must be horizontally and vertically located by standard surveying techniques.   The drawing shall include all monitoring well locations, each monitoring well name and identification (WACS) number, the top of casing, pad elevation, permanent benchmark(s) and/or corner monument marker(s) referenced to NGVD with an accuracy of 0.01 feet. The latitude and longitude of each well in degrees, minutes and seconds, to two (2) decimal places, with an accuracy of 15 feet, must be determined and provided on the drawing. The survey shall be conducted and certified by a Florida Licensed Surveyor and Mapper [**62-701.510(1)(c)&(3)(d)1, F.A.C.**]

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DEPTH MEASUREMENTS

22.   A total depth measurement must be made on all wells at time of permit renewal. This measurement is to be reported on one (1) paper copy and one (1) electronic copy as total apparent depth below ground surface and should be compared to the original total depth of the well. [*62-701.510(1)(c), F.A.C.*]

INITIAL, ANNUAL AND SEMI-ANNUAL

23.   Required monitoring reports must be submitted to the Department within sixty (60) days from completion of lab analyses. The report must include the following:
   a.   Cover letter.
   b.   Summary of exceedance and recommendation.
   c.   Ground water contour maps
   d.   Chain of custody.
   e.   Water levels-water elevation table.
   f.   Lab quality control report.
   g.   **Attachment I,** Ground Water Monitoring Report Certification.
   h.   **Attachment J,** Groundwater Sampling Log.

   One (1) paper copy and one (1) electronic copy of the monitoring report shall be submitted. The electronic copy must be on a compact disc (CD) that is readable by Microsoft Office. The CD should contain the following:

   A copy of the monitoring report

   A copy of the electronic data in Excel tab delimited format

   A copy of the electronic data in PDF format to insure the integrity of the data

   The required electronic data is listed on
   ftp://ftp.dep.state.fl.us/pub/labs/lds/validator/validator_fields.pdf.
   To decrease the need for resubmittal you may evaluate data prior to submittal at
   http://www.floridadep.org/labs/software/index.htm.
   A sample text file may be viewed at
   http://www.floridadep.org/labs/software/docs/sampledata.txt

   Interpretative documents such as exceedance recommendations and/or contour maps must be signed and sealed by a professional licensed in state of Florida whose expertise is related to the document.
   [*62-701.510(9)(a), 62-160.800(1)9, &62-4.070(3), F.A.C.*]

WATER ELEVATIONS

24.   Water levels in all monitoring wells, whether sampled or not, all piezometers and all surface water sites must be measured to the nearest 0.01 foot and reported semi-annually unless required more frequently by permit condition. All water level measurements must be made within a one-day period. These measurements should be reported in a table that includes well or surface water point name, date water level measured, measuring point elevation referenced to

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NGVD, depth to water and calculated water level elevation referenced to NGVD. [*62-701.510(9)(a)8, F.A.C.*]

GROUND WATER CONTOUR MAPS

25.   Ground water elevation contour maps for each monitored aquifer zone must be submitted semi-annually to the Department. Ground water elevation contour map(s) should include monitoring well and piezometer locations, ground water elevation at each monitoring well or piezometer location referenced to NGVD, a bar scale, ground water contour interval, date of measurement and ground water flow direction. The map(s) must incorporate adjacent and on-site surface water elevations where appropriate. These maps shall be signed and sealed pursuant to Florida Statutes (F.S.) Chapters 471 and 492 which require that documents requiring the practice of professional engineering or professional geology, as described in Chapter 471 or 492, F.S., be signed and sealed by the professional(s) who prepared or approved them. This certification must be made by a licensed professional who is able to demonstrate competence in this subject area. [*62-701.510(9)(a)9, F.A.C.*]

BIENNIAL

26.   One (1) paper and one (1) electronic copy of a technical report shall be submitted to the Department every two years, and shall be updated at the time of permit renewal. The first report is due 30 days after the submittal of the monitoring data for the fourth ground water sampling event. Subsequent reports are due 30 days after the submittal of the fourth sampling event following the previous biennial report. The report shall summarize and interpret the water quality data and water level measurements collected during the past four years.   The report shall contain, at a minimum, the following:

a.   Tabular and graphical displays of any data that shows that a monitoring parameter has been detected, including hydrographs for all monitoring wells.

b.   Trend analyses of any monitoring parameters detected.

c.   Comparisons among shallow, middle, and deep zone wells.

d.   Comparison between upgradient and downgradient wells.

e.   Correlation between related parameters such as total dissolved solids and specific conductance.

f.   Discussion of erratic and/or poorly correlated data.

g.   An interpretation of the ground water contour maps, including an evaluation of ground water flow rates.

h.   An evaluation of the adequacy of the water quality monitoring frequency and sampling locations based upon site conditions.

This report must be signed and sealed pursuant to Florida Statutes (F.S.) Chapters 471 and 492 which require that documents requiring the practice of professional engineering or professional geology, as described in Chapter 471 or 492, F.S., be signed and sealed by the professional(s) who prepared or approved them. This certification must be made by a licensed professional who is able to

demonstrate competence in the subject area(s) addressed within the sealed document. [*62-701.510(9)(b), F.A.C.*]

List of Attachments

Attachment A – Monitoring Sites

Attachment B – Ground Water Monitoring Locations Map

Attachment C – Surface Water Monitoring Location Map

Attachment D - Initial Ground Water Monitoring

Attachment E - Semi-annual Ground Water Monitoring

Attachment F - Semi-annual Surface Water Monitoring

Attachment G – Annual Leachate Monitoring

Attachment H - Monitoring Well Completion Report

Attachment I - Ground Water Monitoring Report Certification

Attachment J - Water Sampling Log

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MONITORING SITE_NUM	WACS_ WELL	WELL_ TYPE	ZONE/LOCATION MONITORED	GW/SW CLASS	WACS REPORT TYPE
GROUND WATER					
MW-1A	19900	BG	UPPER SURFICIAL	G-II	SEMGW
MW-1B	19901	BG	INTERMEDIATE SURIFICAL	G-II	SEMGW
MW-1C	19902	BG	DEEP SURFICIAL	G-II	SEMGW
MW-2A	19903	BG	UPPER SURFICIAL	G-II	SEMGW
MW-2B	19904	BG	INTERMEDIATE SURIFICAL	G-II	SEMGW
MW-2C	19905	BG	DEEP SURFICIAL	G-II	SEMGW
MW-3A	19906	BG	UPPER SURFICIAL	G-II	SEMGW
MW-3B	19907	BG	INTERMEDIATE SURIFICAL	G-II	SEMGW
MW-3C	19908	BG	DEEP SURFICIAL	G-II	SEMGW
MW-4A	19909	BG	UPPER SURFICIAL	G-II	SEMGW
MW-4B	19910	BG	INTERMEDIATE SURIFICAL	G-II	SEMGW
MW-4C	19911	BG	DEEP SURFICIAL	G-II	SEMGW
MW-5A	19912	BG	UPPER SURFICIAL	G-II	SEMGW
MW-5B	19913	BG	INTERMEDIATE SURIFICAL	G-II	SEMGW
MW-5C	19914	BG	DEEP SURFICIAL	G-II	SEMGW
MW-6A	19915	BG	UPPER SURFICIAL	G-II	SEMGW
MW-6B	19916	BG	INTERMEDIATE SURIFICAL	G-II	SEMGW
MW-6C	19917	BG	DEEP SURFICIAL	G-II	SEMGW
MW-7A	19918	DE	UPPER SURFICIAL	G-II	SEMGW
MW-7B	19919	DE	INTERMEDIATE SURIFICAL	G-II	SEMGW
MW-7C	19920	DE	DEEP SURFICIAL	G-II	SEMGW
MW-8A	19921	DE	UPPER SURFICIAL	G-II	SEMGW
MW-8B	19922	DE	INTERMEDIATE SURIFICAL	G-II	SEMGW
MW-8C	19923	DE	DEEP SURFICIAL	G-II	SEMGW
MW-9A	19924	DE	UPPER SURFICIAL	G-II	SEMGW
MW-9B	19925	DE	INTERMEDIATE SURIFICAL	G-II	SEMGW
MW-9C	19926	DE	DEEP SURFICIAL	G-II	SEMGW
MW-10A	19927	DE	UPPER SURFICIAL	G-II	SEMGW
MW-10B	19928	DE	INTERMEDIATE SURIFICAL	G-II	SEMGW
MW-10C	19929	DE	DEEP SURFICIAL	G-II	SEMGW
MW-11A	19930	DE	UPPER SURFICIAL	G-II	SEMGW

MONITORING SITE_NUM	WACS_ WELL	WELL_ TYPE	ZONE/LOCATION MONITORED	GW/SW CLASS	WACS REPORT TYPE
MW-11B	19931	DE	INTERMEDIATE SURIFICAL	G-II	SEMGW
MW-11C	19932	DE	DEEP SURFICIAL	G-II	SEMGW
MW-12A	19933	DE	UPPER SURFICIAL	G-II	SEMGW
MW-12B	19934	DE	INTERMEDIATE SURIFICAL	G-II	SEMGW
MW-12C	19935	DE	DEEP SURFICIAL	G-II	SEMGW
MW-13A	19936	DE	UPPER SURFICIAL	G-II	SEMGW
MW-13B	19937	DE	INTERMEDIATE SURIFICAL	G-II	SEMGW
MW-13C	19938	DE	DEEP SURFICIAL	G-II	SEMGW
MW-16A	22342	DE	UPPER SURFICIAL	G-II	INTGW/SEMGW
MW-16B	22343	DE	INTERMEDIATE SURIFICAL	G-II	INTGW/SEMGW
MW-16C	22344	DE	DEEP SURFICIAL	G-II	INTGW/SEMGW
MW-17A	22345	DE	UPPER SURFICIAL	G-II	INTGW/SEMGW
MW-17B	22346	DE	INTERMEDIATE SURIFICAL	G-II	INTGW/SEMGW
MW-17C	22347	DE	DEEP SURFICIAL	G-II	INTGW/SEMGW
MW-18A	22348	DE	UPPER SURFICIAL	G-II	INTGW/SEMGW
MW-18B	22349	DE	INTERMEDIATE SURIFICAL	G-II	INTGW/SEMGW
MW-18C	22350	DE	DEEP SURFICIAL	G-II	INTGW/SEMGW
MW-19A	22351	DE	UPPER SURFICIAL	G-II	INTGW/SEMGW
MW-19B	22352	DE	INTERMEDIATE SURIFICAL	G-II	INTGW/SEMGW
MW-19C	22353	DE	DEEP SURFICIAL	G-II	INTGW/SEMGW
MW-20A	22354	DE	UPPER SURFICIAL	G-II	INTGW/SEMGW
MW-20B	22355	DE	INTERMEDIATE SURIFICAL	G-II	INTGW/SEMGW
MW-20C	22356	DE	DEEP SURFICIAL	G-II	INTGW/SEMGW
MW-21A	22357	DE	UPPER SURFICIAL	G-II	INTGW/SEMGW
MW-21B	22358	DE	INTERMEDIATE SURIFICAL	G-II	INTGW/SEMGW
MW-21C	22359	DE	DEEP SURFICIAL	G-II	INTGW/SEMGW
MW-22A	22360	BG	UPPER SURFICIAL	G-II	INTGW/SEMGW
MW-22B	22361	BG	INTERMEDIATE SURIFICAL	G-II	INTGW/SEMGW
MW-22C	22362	BG	DEEP SURFICIAL	G-II	INTGW/SEMGW
MW-23A	22363	BG	UPPER SURFICIAL	G-II	INTGW/SEMGW
MW-23B	22364	BG	INTERMEDIATE SURIFICAL	G-II	INTGW/SEMGW
MW-23C	22365	BG	DEEP SURFICIAL	G-II	INTGW/SEMGW

ATTACHMENT A
OAK HAMMOCK DISPOSAL, CLASS I LANDFILL
WACS_FACILITY: 89544
MONITORING SITES

MONITORING SITE_NUM	WACS_ WELL	WELL_ TYPE	ZONE/LOCATION MONITORED	GW/SW CLASS	WACS REPORT TYPE
SURFACE WATER					
SW-3	19945	CO	DOWN STREAM ON BULL CREEK	SW-IIIF	SEMSW
SW-4	19946	BG	UP STREAM NW OF SITE	SW-IIIF	SEMSW
LEACHATE					
L-1	19947	CO	CELL 1 PRIMARY RISER	LC	ANNLC
L-2	19948	CO	CELL 2 PRIMARY RISER	LC	ANNLC
L-3	19949	CO	CELL 3 PRIMARY RISER	LC	ANNLC
L-4	19950	CO	CELL 4 PRIMARY RISER	LC	ANNLC
L-5	22369	CO	CELL 5 PRIMARY RISER	LC	ANNLC
L-6	22370	CO	CELL 6 PRIMARY RISER	LC	ANNLC
L-7	22371	CO	CELL 7 PRIMARY RISER	LC	ANNLC
L-8	22372	CO	CELL 8 PRIMARY RISER	LC	ANNLC
L-9	33273	CO	CELL 9 PRIMARY RISER	LC	ANNLC
L-10	22374	CO	CELL 10 PRIMARY RISER	LC	ANNLC

Well Type Codes   (AS) Assessment   (BG) Background   (CO) Compliance   (DE) Detection
(DG) Downgradient   (IM) Intermediate   (IW) Irrigation Well   (OT) Other   (PZ)Piezometer
(SO) Source   (UP) Upgradient   (WS) Water supply

07-24-2007

NOTES:
1. NORTHING AND EASTING COORDINATES SHOWN REPRESENT FLORIDA STATE PLANE EAST ZONE NORTH AMERICAN DATUM OF 1983 (NAD83).

2. THE ELEVATIONS SHOWN REPRESENT NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29)(FEET).

NORTH

SCALE: 1" = 600'
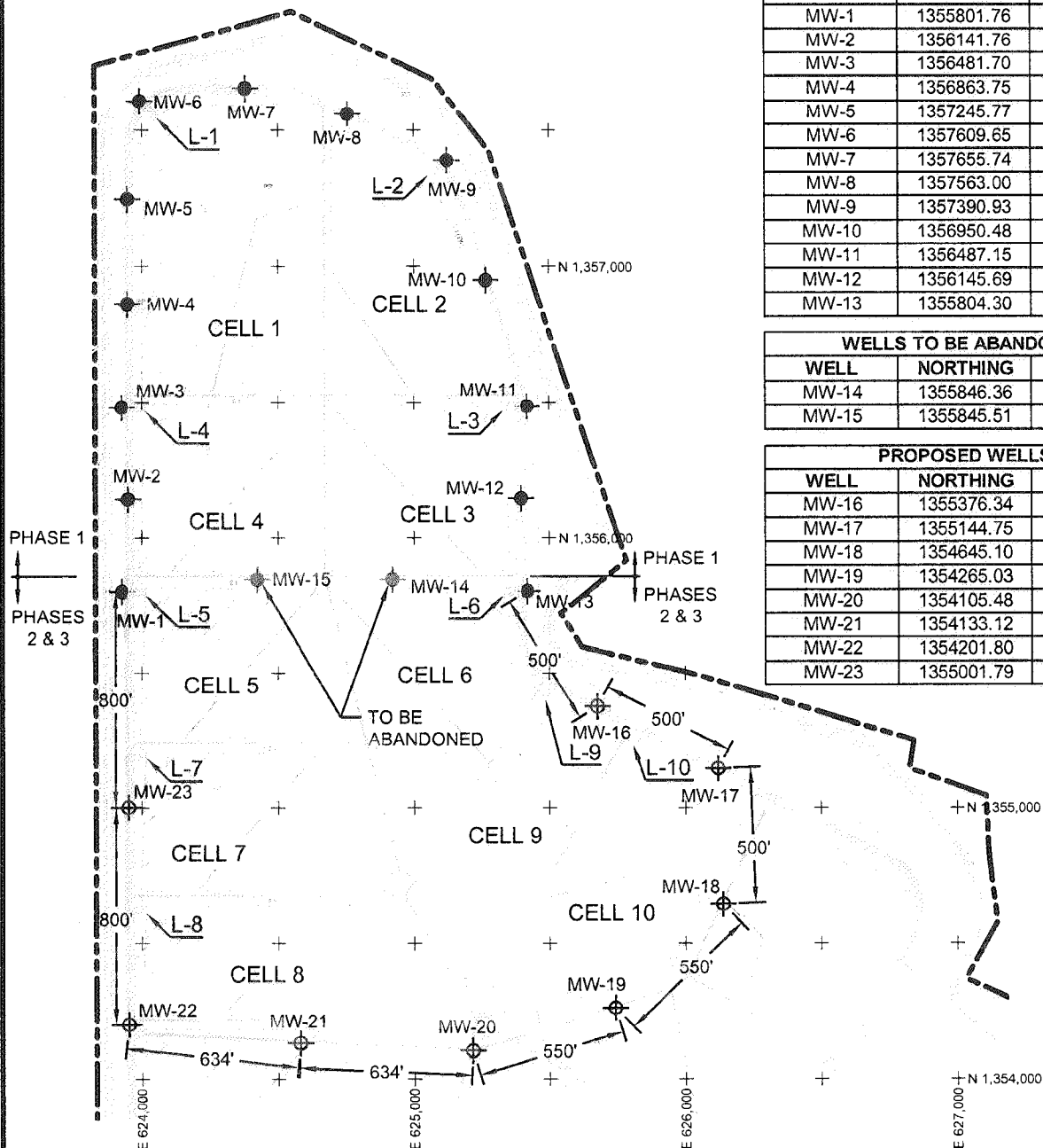
EXISTING WELLS		
WELL	NORTHING	EASTING
MW-1	1355801.76	623927.76
MW-2	1356141.76	623949.18
MW-3	1356481.70	623926.60
MW-4	1356863.75	623947.95
MW-5	1357245.77	623947.30
MW-6	1357609.65	623992.77
MW-7	1357655.74	624380.68
MW-8	1357563.00	624757.34
MW-9	1357390.93	625122.57
MW-10	1356950.48	625266.36
MW-11	1356487.15	625418.09
MW-12	1356145.69	625396.67
MW-13	1355804.30	625419.26

WELLS TO BE ABANDONED		
WELL	NORTHING	EASTING
MW-14	1355846.36	624922.02
MW-15	1355845.51	624424.85

PROPOSED WELLS		
WELL	NORTHING	EASTING
MW-16	1355376.34	625677.81
MW-17	1355144.75	626120.94
MW-18	1354645.10	626139.82
MW-19	1354265.03	625742.27
MW-20	1354105.48	625215.92
MW-21	1354133.12	624582.67
MW-22	1354201.80	623952.49
MW-23	1355001.79	623951.12

LEGEND

MW-1 — EXISTING GROUNDWATER MONITORING WELL LOCATION

MW-16 — PROPOSED GROUNDWATER MONITORING WELL LOCATION

(AT EACH LOCATION A GROUP OF THREE WELLS WILL BE DRILLED TO SHALLOW, INTERMEDIATE, AND DEEP ELEVATIONS. THESE WELLS WILL BE SPACED 5 FEET APART AND ARRANGED PARALLEL TO THE PERIMETER MAINTENANCE ROAD OR INTERCELL BERM ALIGNMENTS.)

L-1 — LEACHATE SAMPLE LOCATION

(LEACHATE SAMPLES WILL BE OBTAINED FROM THE PRIMARY LEACHATE SUMP OF EACH WELL)

GeoSyntec Consultants

TAMPA, FLORIDA

LAYOUT OF PHASES 1 THROUGH 3 GROUNDWATER MONITORING WELLS AND LEACHATE SAMPLING LOCATIONS

PROJECT NO.	FL0916.02		
DATE.	27 SEPT 2006	FILE NO.	FL0916.02F002
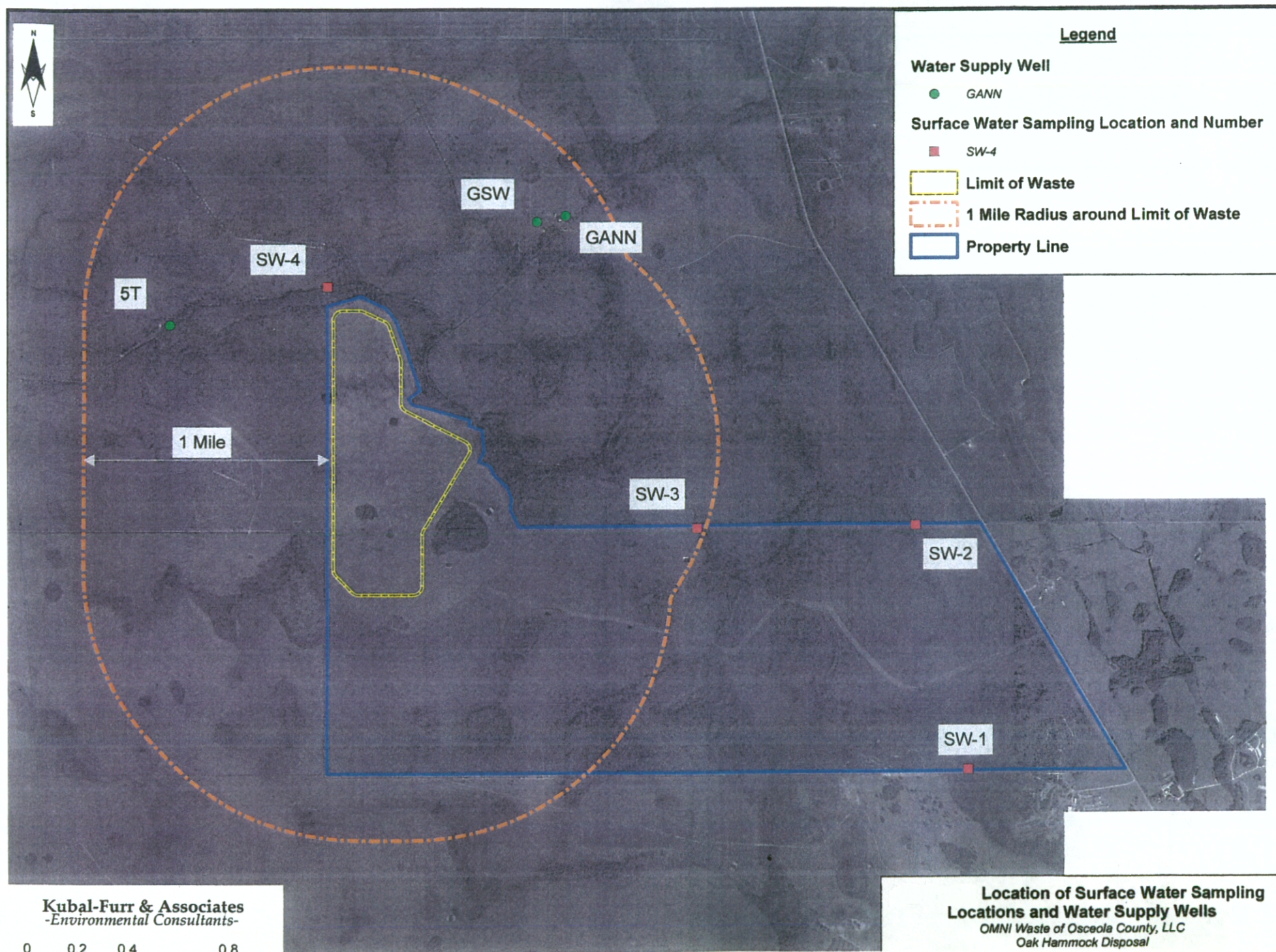
Legend

Water Supply Well

● GANN

Surface Water Sampling Location and Number

■ SW-4

▦ Limit of Waste

▦ 1 Mile Radius around Limit of Waste

▢ Property Line

GSW

GANN

SW-4

5T

1 Mile

SW-3

SW-2

SW-1

Kubal-Furr & Associates
-Environmental Consultants-

0   0.2   0.4   0.8

**Location of Surface Water Sampling
Locations and Water Supply Wells**
OMNI Waste of Osceola County, LLC
Oak Hammock Disposal

OAK HAMMOCK DISPOSAL, CLASS I LANDFILL

PARAMETER MONITORING REPORT
Rules 62-701.510(8)(a)&(d) and 62-701.510(6)(b), F.A.C.
WACS Report Type: INTGW
<u>**Initial Ground Water Monitoring (Page 1 of 10)**</u>

WACS_FACILITY <u>89544</u>   SAMPLING DATE/TIME _____

WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____   PERMITTED: ___ (AS) Assessment   (IW) Irrigation Well
                                                             WELL TYPE   (BG) Background   (OT) Other
Ground water classification: <u>G-II</u>   (CO) Compliance   (PZ) Piezometer
                                                                                  (DE) Detection   (SO) Source
Well Purged prior to   (DG) Downgradient (UP) Upgradient
Sample Collection? (Y/N) _____   (IM) Intermediate   (WS) Water supply

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
082545	Water Elevation (NGVD)							Ft	
000010	Temperature (field)							deg C	
000299	Dissolved Oxygen (field)							Mg/L	
000406	pH (field)							STD	
000094	Spec. Conductance (field)							Umhos/cm	
082078	Turbidity (field)							NTU	
000610	Total Ammonia as N							Mg/L	
000940	Chlorides							Mg/L	
000720	Cyanide							Ug/L	
000620	Nitrate as N							Mg/L	
000745	Sulfide							Ug/L	
070300	Total Dissolved Solids							Mg/L	
	<u>METALS</u>								
001097	Antimony							Ug/L	
001002	Arsenic							Ug/L	
001007	Barium							Ug/L	
001012	Beryllium							Ug/L	
001027	Cadmium							Ug/L	
001034	Chromium							Ug/L	
001037	Cobalt							Ug/L	
001042	Copper							Ug/L	
001045	Iron							Ug/L	
001051	Lead							Ug/L	
071900	Mercury							Ug/L	

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OAK HAMMOCK DISPOSAL, CLASS I LANDFILL

PARAMETER MONITORING REPORT
Rules 62-701.510(8)(a)&(d) and 62-701.510(6)(b), F.A.C.
WACS Report Type: INTGW

WACS_FACILITY 89544

SAMPLING DATE/TIME

WACS_WELL

SAMPLING METHOD

MONITORING_SITE_NUM

Ground water classification: G-II

Well Purged prior to
Sample Collection? (Y/N)

PERMITTED: ___ (AS) Assessment   (IW) Irrigation Well
WELL TYPE   (BG) Background   (OT) Other
                         (CO) Compliance   (PZ) Piezometer
                         (DE) Detection   (SO) Source
                         (DG) Downgradient (UP) Upgradient
                         (IM) Intermediate   (WS) Water supply

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
001067	Nickel							Ug/L	
001147	Selenium							Ug/L	
001077	Silver							Ug/L	
000929	Sodium							Mg/L	
001059	Thallium							Ug/L	
001102	Tin							Ug/L	
001087	Vanadium							Ug/L	
001092	Zinc							Ug/L	
	ORGANICS								
034205	Acenaphthene							Ug/L	
034200	Acenaphthylene							Ug/L	
081552	Acetone							Ug/L	
076997	Acetonitrile; Methyl cyanide							Ug/L	
081553	Acetophenone							Ug/L	
073501	2-Acetylaminofluorene; 2-AAF							Ug/L	
034210	Acrolein							Ug/L	
034215	Acrylonitrile							Ug/L	
039330	Aldrin							Ug/L	
078109	Allyl chloride							Ug/L	
077581	4-Aminobiphenyl							Ug/L	
034220	Anthracene							Ug/L	
034030	Benzene							Ug/L	
034526	Benzo(a)anthracene							Ug/L	
034230	Benzo(b)fluoranthene							Ug/L	

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ATTACHMENT D

OAK HAMMOCK DISPOSAL, CLASS I LANDFILL

PARAMETER MONITORING REPORT
Rules 62-701.510(8)(a)&(d) and 62-701.510(6)(b), F.A.C.
WACS Report Type: INTGW
Initial Ground Water Monitoring (Page 3 of 10)

WACS_FACILITY 89544   SAMPLING DATE/TIME _____

WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____   PERMITTED: ___ (AS) Assessment   (IW) Irrigation Well
                                     WELL TYPE   (BG) Background   (OT) Other
Ground water classification: G-II   (CO) Compliance   (PZ) Piezometer
                                                      (DE) Detection   (SO) Source
Well Purged prior to   (DG) Downgradient (UP) Upgradient
Sample Collection? (Y/N) _____   (IM) Intermediate   (WS) Water supply

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
034242	Benzo(k)fluoranthene							Ug/L	
034247	Benzo(a)pyrene							Ug/L	
034521	Benzo(g,h,i)perylene							Ug/L	
077147	Benzyl alcohol							Ug/L	
039337	alpha-BHC							Ug/L	
039338	beta-BHC							Ug/L	
046323	delta-BHC							Ug/L	
039340	gamma-BHC; Lindane							Ug/L	
034273	Bis(2-chloroethyl)ether							Ug/L	
034278	Bis(2-chloroethoxy)methane							Ug/L	
073522	Bis (2-chloro-1-methylethyl) ether							Ug/L	
039100	Bis(2-ethylhexyl)phthalate							Ug/L	
073085	Bromochloromethane							Ug/L	
032101	Bromodichloromethane							Ug/L	
032104	Bromoform							Ug/L	
034413	Bromomethane							Ug/L	
034636	4-Bromophenyl phenyl ether							Ug/L	
034292	Butyl benzyl phthalate							Ug/L	
077041	Carbon Disulfide							Ug/L	
032102	Carbon Tetrachloride							Ug/L	
039350	Chlordane							Ug/L	
073529	p-Chloroaniline							Ug/L	
034301	Chlorobenzene							Ug/L	
039460	Chlorobenzilate							Ug/L	

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OAK HAMMOCK DISPOSAL, CLASS I LANDFILL

PARAMETER MONITORING REPORT
Rules 62-701.510(8)(a)&(d) and 62-701.510(6)(b), F.A.C.
WACS Report Type: INTGW
Initial Ground Water Monitoring (Page 4 of 10)

WACS_FACILITY 89544

SAMPLING DATE/TIME _____

WACS_WELL _____

SAMPLING METHOD _____

MONITORING_SITE_NUM _____

Ground water classification: G-II

Well Purged prior to
Sample Collection? (Y/N) _____

PERMITTED: ___ (AS) Assessment   (IW) Irrigation Well
WELL TYPE   (BG) Background   (OT) Other
                  (CO) Compliance   (PZ) Piezometer
                  (DE) Detection   (SO) Source
                  (DG) Downgradient (UP) Upgradient
                  (IM) Intermediate   (WS) Water supply

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
034452	p-chloro-m-cresol							Ug/L	
034311	Chloroethane							Ug/L	
032106	Chloroform							Ug/L	
034418	Chloromethane							Ug/L	
034581	2-Chloronaphthalene							Ug/L	
034586	2-Chlorophenol							Ug/L	
034641	4-Chloropheny phenyl ether							Ug/L	
081520	Chloroprene							Ug/L	
034320	Chrysene							Ug/L	
977148	m&p-Cresol							Ug/L	
077152	o-Cresol							Ug/L	
039730	2,4-D; 2,4-Dichlorophenoxyacetic acid							Ug/L	
039360	4,4-DDD							Ug/L	
039365	4,4-DDE							Ug/L	
039370	4,4-DDT							Ug/L	
073540	Diallate							Ug/L	
034556	Dibenz(a,h)anthracene							Ug/L	
081302	Dibenzofuran							Ug/L	
032105	Dibromochloromethane							Ug/L	
049146	1,2-Dibromo-3-chloropropane							Ug/L	
077651	1,2-Dibromoethane							Ug/L	
039110	Di-n-butylphthalate							Ug/L	
034536	1,2-Dichlorobenzene							Ug/L	

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OAK HAMMOCK DISPOSAL, CLASS I LANDFILL

PARAMETER MONITORING REPORT
Rules 62-701.510(8)(a)&(d) and 62-701.510(6)(b), F.A.C.
WACS Report Type: INTGW
Initial Ground Water Monitoring (Page 5 of 10)

WACS_FACILITY 89544   SAMPLING DATE/TIME _____

WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____   PERMITTED: ___ (AS) Assessment   (IW) Irrigation Well
                                  WELL TYPE   (BG) Background   (OT) Other
Ground water classification: G-II   (CO) Compliance   (PZ) Piezometer
                                                  (DE) Detection   (SO) Source
Well Purged prior to   (DG) Downgradient   (UP) Upgradient
Sample Collection? (Y/N) _____   (IM) Intermediate   (WS) Water supply

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
034566	1,3-Dichlorobenzene							Ug/L	
034571	1,4-Dichlorobenzene							Ug/L	
034631	3,3-Dichlorobenzidine							Ug/L	
049263	trans-1,4-Dichloro-2-butene							Ug/L	
034668	Dichlorodifluoromethane							Ug/L	
034496	1,1-Dichloroethane							Ug/L	
034531	1,2-Dichloroethane							Ug/L	
034501	1,1-Dichloroethene							Ug/L	
077093	cis-1,2-Dichloroethene							Ug/L	
034546	trans-1,2-Dichloroethene							Ug/L	
034601	2,4-Dichlorophenol							Ug/L	
077541	2,6-Dichlorophenol							Ug/L	
034541	1,2-Dichloropropane							Ug/L	
077173	1,3-Dichloropropane							Ug/L	
077170	2,2-Dichloropropane							Ug/L	
077168	1,1-Dichloropropene							Ug/L	
034704	cis-1,3-Dichloropropene							Ug/L	
034699	trans-1,3-Dichloropropene							Ug/L	
039380	Dieldrin							Ug/L	
034336	Diethyl phthalate							Ug/L	
073553	Thionazin							Ug/L	
046314	Dimethoate							Ug/L	
073558	p-(Dimethylamino)azobenzene							Ug/L	
073559	7,12-Dimethylbenz(a)anthracene							Ug/L	

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OAK HAMMOCK DISPOSAL, CLASS I LANDFILL

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Rules 62-701.510(8)(a)&(d) and 62-701.510(6)(b), F.A.C.
WACS Report Type: INTGW
Initial Ground Water Monitoring (Page 6 of 10)

WACS_FACILITY 89544   SAMPLING DATE/TIME _____

WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____   PERMITTED: __ (AS) Assessment   (IW) Irrigation Well
                                    WELL TYPE   (BG) Background   (OT) Other
Ground water classification: G-II   (CO) Compliance   (PZ) Piezometer
                                                   (DE) Detection   (SO) Source
Well Purged prior to   (DG) Downgradient (UP) Upgradient
Sample Collection? (Y/N) _____   (IM) Intermediate   (WS) Water supply

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
082213	3,3-Dimethylbenzidine							Ug/L	
034606	2,4-Dimethylphenol							Ug/L	
034341	Dimethyl phthalate							Ug/L	
045622	m-Dinitrobenzene							Ug/L	
034657	2-Methyl-4,6-dinitrophenol							Ug/L	
034616	2,4-Dinitrophenol							Ug/L	
034611	2,4-Dinitrotoluene							Ug/L	
034626	2,6-Dinitroltoluene							Ug/L	
081287	DNBP (Dinoseb)							Ug/L	
034596	Di-n-octyl phthalate							Ug/L	
077579	Diphenylamine							Ug/L	
081888	Disulfoton							Ug/L	
034361	Endosulfan I							Ug/L	
034356	Endosulfan II							Ug/L	
034351	Endosulfan sulfate							Ug/L	
039390	Endrin							Ug/L	
034366	Endrin aldehyde							Ug/L	
034371	Ethylbenzene							Ug/L	
073570	Ethyl methacrylate							Ug/L	
073571	Ethyl methanesulfonate							Ug/L	
038462	Famphur							Ug/L	
034376	Fluoranthene							Ug/L	
034381	Fluorene							Ug/L	
039410	Heptachlor							Ug/L	

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OAK HAMMOCK DISPOSAL, CLASS I LANDFILL

PARAMETER MONITORING REPORT
Rules 62-701.510(8)(a)&(d) and 62-701.510(6)(b), F.A.C.
WACS Report Type: INTGW
<u>**Initial Ground Water Monitoring (Page 7 of 10)**</u>

WACS_FACILITY <u>89544</u>   SAMPLING DATE/TIME _____

WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____

Ground water classification: <u>G-II</u>

Well Purged prior to
Sample Collection? (Y/N) _____

PERMITTED: ___ (AS) Assessment   (IW) Irrigation Well
WELL TYPE   (BG) Background   (OT) Other
                        (CO) Compliance   (PZ) Piezometer
                        (DE) Detection   (SO) Source
                        (DG) Downgradient (UP) Upgradient
                        (IM) Intermediate   (WS) Water supply

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
039420	Heptachlor epoxide							Ug/L	
039700	Hexachlorobenzene							Ug/L	
034391	Hexachlorobutadiene							Ug/L	
034386	Hexachlorocyclopentadiene							Ug/L	
034396	Hexachloroethane							Ug/L	
073576	Hexachloropropene							Ug/L	
034403	Indeno (1,2,3-c,d) pyrene							Ug/L	
077424	Iodomethane							Ug/L	
077033	Isobutyl alcohol							Ug/L	
039430	Isodrin							Ug/L	
034408	Isophorone							Ug/L	
073582	Isosafrole							Ug/L	
081281	Kepone							Ug/L	
081593	Methacrylonitrile							Ug/L	
073589	Methapyrilene							Ug/L	
039480	Methoxychlor							Ug/L	
077103	Methyl butyl ketone							Ug/L	
073591	3-Methylcholanthrene							Ug/L	
081595	Methyl ethyl ketone							Ug/L	
081597	Methyl methacrylate							Ug/L	
073595	Methyl methanesulfonate							Ug/L	
077416	2-Methylnaphthalene							Ug/L	
039600	Methyl Parathion							Ug/L	
077596	Methylene Bromide							Ug/L	

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OAK HAMMOCK DISPOSAL, CLASS I LANDFILL

PARAMETER MONITORING REPORT
Rules 62-701.510(8)(a)&(d) and 62-701.510(6)(b), F.A.C.
WACS Report Type: INTGW
Initial Ground Water Monitoring (Page 8 of 10)

WACS_FACILITY 89544

SAMPLING DATE/TIME

WACS_WELL

SAMPLING METHOD

MONITORING_SITE_NUM

Ground water classification: G-II

Well Purged prior to
Sample Collection? (Y/N)

PERMITTED: __ (AS) Assessment   (IW) Irrigation Well
WELL TYPE   (BG) Background   (OT) Other
                          (CO) Compliance   (PZ) Piezometer
                          (DE) Detection   (SO) Source
                          (DG) Downgradient (UP) Upgradient
                          (IM) Intermediate   (WS) Water supply

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
034423	Methylene Chloride							Ug/L	
081596	Methyl isobutyl ketone							Ug/L	
034696	Naphthalene							Ug/L	
073599	1,4-Naphthoquinone							Ug/L	
073600	1-Naphthylamine							Ug/L	
073601	2-Naphthylamine							Ug/L	
078142	o-Nitroaniline							Ug/L	
078300	m-Nitroaniline							Ug/L	
030342	p-Nitroaniline							Ug/L	
034447	Nitrobenzene							Ug/L	
034591	2-Nitrophenol							Ug/L	
034646	4-Nitrophenol							Ug/L	
073609	N-Nitrosodi-n-butylamine							Ug/L	
073611	N-Nitrosodiethylamine							Ug/L	
034438	N-Nitrosodimethylamine							Ug/L	
034428	N-Nitrosodipropylamine							Ug/L	
034433	N-Nitrosodiphenylamine							Ug/L	
073613	N-Nitrosomethylethalamine							Ug/L	
073619	N-Nitrosopiperidine							Ug/L	
078206	N-Nitrosopyrrolidine							Ug/L	
073622	5-Nitro-o-toluidine							Ug/L	
039540	Parathion							Ug/L	
077793	Pentachlorobenzene							Ug/L	
081316	Pentachloronitrobenzene							Ug/L	

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OAK HAMMOCK DISPOSAL, CLASS I LANDFILL

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Rules 62-701.510(8)(a)&(d) and 62-701.510(6)(b), F.A.C.
WACS Report Type: INTGW
Initial Ground Water Monitoring (Page 9 of 10)

WACS_FACILITY 89544   SAMPLING DATE/TIME _____

WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____   PERMITTED: __ (AS) Assessment   (IW) Irrigation Well
                                      WELL TYPE   (BG) Background   (OT) Other
Ground water classification: G-II   (CO) Compliance   (PZ) Piezometer
                                                    (DE) Detection   (SO) Source
Well Purged prior to   (DG) Downgradient (UP) Upgradient
Sample Collection? (Y/N) _____   (IM) Intermediate (WS) Water supply

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
039032	Pentachlorophenol							Ug/L	
073626	Phenacetin							Ug/L	
034461	Phenanthrene							Ug/L	
034694	Phenol							Ug/L	
073628	p-Phenylenediamine							Ug/L	
046313	Phorate							Ug/L	
039516	Polychlorinated biphenyls							Ug/L	
039080	Pronamide							Ug/L	
077007	Propionitrile							Ug/L	
034469	Pyrene							Ug/L	
077545	Safrole							Ug/L	
039760	Silvex; 2,4,5-TP							Ug/L	
077128	Styrene							Ug/L	
039740	2,4,5-Trichlorophenoxyacetic acid							Ug/L	
077734	1,2,4,5-Tetrachlorobenzene							Ug/L	
077562	1,1,1,2-Tetrachloroethane							Ug/L	
034516	1,1,2,2-Tetrachloroethane							Ug/L	
034475	Tetrachloroethene							Ug/L	
077770	2,3,4,6-Tetrachlorophenol							Ug/L	
034010	Toluene							Ug/L	
077142	o-Toluidine							Ug/L	
039400	Toxaphene							Ug/L	
034551	1,2,4-Trichlorobenzene							Ug/L	
034506	1,1,1-Trichloroethane							Ug/L	

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PARAMETER MONITORING REPORT
Rules 62-701.510(8)(a)&(d) and 62-701.510(6)(b), F.A.C.
WACS Report Type: INTGW
Initial Ground Water Monitoring (Page 10 of 10)

WACS_FACILITY 89544   SAMPLING DATE/TIME _____

WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____   PERMITTED: ___ (AS) Assessment   (IW) Irrigation Well
                                                        WELL TYPE   (BG) Background   (OT) Other
Ground water classification: G-II   (CO) Compliance   (PZ) Piezometer
                                                                                    (DE) Detection   (SO) Source
Well Purged prior to   (DG) Downgradient (UP) Upgradient
Sample Collection? (Y/N) _____   (IM) Intermediate   (WS) Water supply

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
034511	1,1,2-Trichloroethane							Ug/L	
039180	Trichloroethene							Ug/L	
034488	Trichlorofluoromethane							Ug/L	
077687	2,4,5-Trichlorophenol							Ug/L	
034621	2,4,6-Trichlorophenol							Ug/L	
077443	1,2,3-Trichloropropane							Ug/L	
073652	0,0,0-Triethyl phosphorothioate							Ug/L	
073653	sym-Trinitrobenzene							Ug/L	
077057	Vinyl Acetate							Ug/L	
039175	Vinyl Chloride							Ug/L	
034020	Xylenes							Ug/L	

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PARAMETER MONITORING REPORT
Rules 62-701.510(6)(d)&(8)(a), F.A.C.
WACS Report Type: SEMGW
<u>**Semi-annual Ground Water Monitoring (Page 1 of 4)**</u>

WACS_FACILITY <u>89544</u>   SAMPLING DATE/TIME _____

WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____   PERMITTED: __ (AS) Assessment   (IW) Irrigation Well
                                   WELL TYPE   (BG) Background   (OT) Other
Ground water classification: <u>G-II</u>   (CO) Compliance   (PZ) Piezometer
                                                  (DE) Detection   (SO) Source
Well Purged prior to   (DG) Downgradient (UP) Upgradient
Sample Collection? (Y/N) _____   (IM) Intermediate   (WS) Water supply

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
082545	Water Elevation (NGVD)							Ft	
000010	Temperature (field)							deg C	
000299	Dissolved Oxygen (field)							Mg/L	
000406	pH (field)							STD	
000094	Spec. Conductance (field)							Umhos/cm	
082078	Turbidity (field)							NTU	
000610	Total Ammonia as N							Mg/L	
000940	Chlorides							Mg/L	
000620	Nitrate as N							Mg/L	
070300	Total Dissolved Solids							Mg/L	
	<u>METALS</u>								
001097	Antimony							Ug/L	
001002	Arsenic							Ug/L	
001007	Barium							Ug/L	
001012	Beryllium							Ug/L	
001027	Cadmium							Ug/L	
001034	Chromium							Ug/L	
001037	Cobalt							Ug/L	
001042	Copper							Ug/L	
001045	Iron							Ug/L	
001051	Lead							Ug/L	
071900	Mercury							Ug/L	
001067	Nickel							Ug/L	
001147	Selenium							Ug/L	

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ATTACHMENT E

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PARAMETER MONITORING REPORT
Rules 62-701.510(6)(d)&(8)(a), F.A.C.
WACS Report Type: SEMGW
Semi-annual Ground Water Monitoring (Page 2 of 4)

WACS_FACILITY 89544   SAMPLING DATE/TIME _____

WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____   PERMITTED: ___ (AS) Assessment   (IW) Irrigation Well
                                    WELL TYPE   (BG) Background   (OT) Other
Ground water classification: G-II   (CO) Compliance   (PZ) Piezometer
                                                      (DE) Detection   (SO) Source
Well Purged prior to   (DG) Downgradient (UP) Upgradient
Sample Collection? (Y/N) _____   (IM) Intermediate   (WS) Water supply

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
001077	Silver							Ug/L	
000929	Sodium							Mg/L	
001059	Thallium							Ug/L	
001087	Vanadium							Ug/L	
001092	Zinc							Ug/L	
	ORGANICS								
081552	Acetone							Ug/L	
034215	Acrylonitrile							Ug/L	
034030	Benzene							Ug/L	
073085	Bromochloromethane							Ug/L	
032101	Bromodichloromethane							Ug/L	
032104	Bromoform							Ug/L	
034413	Bromomethane							Ug/L	
077041	Carbon Disulfide							Ug/L	
032102	Carbon Tetrachloride							Ug/L	
034301	Chlorobenzene							Ug/L	
034311	Chloroethane							Ug/L	
032106	Chloroform							Ug/L	
034418	Chloromethane							Ug/L	
032105	Dibromochloromethane							Ug/L	
038437	1,2-Dibromo-3-chloropropane							Ug/L	
077651	1,2-Dibromoethane							Ug/L	
034536	1,2-Dichlorobenzene							Ug/L	
034571	1,4-Dichlorobenzene							Ug/L	

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WACS_FACILITY <u>89544</u>   SAMPLING DATE/TIME _____

WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____   PERMITTED: ___ (AS) Assessment   (IW) Irrigation Well
                                                          WELL TYPE   (BG) Background   (OT) Other
Ground water classification: <u>G-II</u>   (CO) Compliance   (PZ) Piezometer
                                                                               (DE) Detection   (SO) Source
Well Purged prior to   (DG) Downgradient (UP) Upgradient
Sample Collection? (Y/N) _____   (IM) Intermediate   (WS) Water supply

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
049263	trans-1,4-Dichloro-2-butene							Ug/L	
034496	1,1-Dichloroethane							Ug/L	
034531	1,2-Dichloroethane							Ug/L	
034501	1,1-Dichloroethene							Ug/L	
077093	cis-1,2-Dichloroethene							Ug/L	
034546	trans-1,2-Dichloroethene							Ug/L	
034541	1,2-Dichloropropane							Ug/L	
034704	cis-1,3-Dichloropropene							Ug/L	
034699	trans-1,3-Dichloropropene							Ug/L	
034371	Ethylbenzene							Ug/L	
077424	Iodomethane							Ug/L	
077103	Methyl butyl ketone							Ug/L	
081595	Methyl ethyl ketone							Ug/L	
077596	Methylene Bromide							Ug/L	
034423	Methylene Chloride							Ug/L	
081596	Methyl isobutyl ketone							Ug/L	
077128	Styrene							Ug/L	
077562	1,1,1,2-Tetrachloroethane							Ug/L	
034516	1,1,2,2-Tetrachloroethane							Ug/L	
034475	Tetrachloroethene							Ug/L	
034010	Toluene							Ug/L	
034506	1,1,1-Trichloroethane							Ug/L	
034511	1,1,2-Trichloroethane							Ug/L	
039180	Trichloroethene							Ug/L	

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SAMPLING DATE/TIME

WACS_WELL

SAMPLING METHOD

MONITORING_SITE_NUM

Ground water classification: G-II

Well Purged prior to
Sample Collection? (Y/N)

PERMITTED: ___ (AS) Assessment   (IW) Irrigation Well
WELL TYPE   (BG) Background   (OT) Other
                       (CO) Compliance   (PZ) Piezometer
                       (DE) Detection   (SO) Source
                       (DG) Downgradient (UP) Upgradient
                       (IM) Intermediate   (WS) Water supply

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
034488	Trichlorofluoromethane							Ug/L	
077443	1,2,3-Trichloropropane							Ug/L	
077057	Vinyl Acetate							Ug/L	
039175	Vinyl Chloride							Ug/L	
034020	Xylenes							Ug/L	

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WACS_FACILITY 89544 _____

SAMPLING DATE/TIME _____

WACS_WELL _____

SAMPLING METHOD _____

MONITORING_SITE_NUM _____

PERMITTED: ___ (AS) Assessment   (IW) Irrigation Well
WELL TYPE   (BG) Background   (OT) Other

Ground water classification: G-II

(CO) Compliance (PZ) Piezometer
(DE) Detection   (SO) Source

Well Purged prior to
Sample Collection? (Y/N) _____

(DG) Downgradient (UP) Upgradient
(IM) Intermediate   (WS) Water supply

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
082545	Water Elevation (NGVD)							Ft	
000010	Temperature (field)							deg C	
000299	Dissolved Oxygen (field)							Mg/L	
000406	pH (field)							STD	
000094	Spec. Conductance (field)							Umhos/cm	
082078	Turbidity (field)							NTU	
000612	Un-ionized Ammonia as N							Mg/L	
000900	Total Hardness as $CaCO_3$							Mg/L	
000680	Total Organic Carbon							Mg/L	
070300	Total Dissolved Solids							Mg/L	
000530	Total Suspended Solids							Mg/L	
000310	BOD (5 Day) @ 20 ^{0}C							Mg/L	
000340	Chemical Oxygen Demand							Mg/L	
000600	Total Nitrogen as N							Mg/L	
000620	Nitrate as N							Mg/L	
000650	Total Phosphates as PO_4							Mg/L	
032211	Chlorophyll A							Ug/L	
031616	Fecal coliform							#/100 mL	
	METALS								
001097	Antimony							Ug/L	
001002	Arsenic							Ug/L	
001007	Barium							Ug/L	
001012	Beryllium							Ug/L	
001027	Cadmium							Ug/L	

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WACS_FACILITY <u>89544</u>   SAMPLING DATE/TIME _____

WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____   PERMITTED: __ (AS) Assessment   (IW) Irrigation Well
                                     WELL TYPE   (BG) Background   (OT) Other
Ground water classification: <u>G-II</u>   (CO) Compliance   (PZ) Piezometer
                                                    (DE) Detection   (SO) Source
Well Purged prior to   (DG) Downgradient (UP) Upgradient
Sample Collection? (Y/N) _____   (IM) Intermediate   (WS) Water supply

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
001034	Chromium							Ug/L	
001037	Cobalt							Ug/L	
001042	Copper							Ug/L	
001045	Iron							Ug/L	
001051	Lead							Ug/L	
071900	Mercury							Ug/L	
001067	Nickel							Ug/L	
001147	Selenium							Ug/L	
001077	Silver							Ug/L	
001059	Thallium							Ug/L	
001087	Vanadium							Ug/L	
001092	Zinc							Ug/L	
	ORGANICS								
081552	Acetone							Ug/L	
034215	Acrylonitrile							Ug/L	
034030	Benzene							Ug/L	
073085	Bromochloromethane							Ug/L	
032101	Bromodichloromethane							Ug/L	
032104	Bromoform							Ug/L	
034413	Bromomethane							Ug/L	
077041	Carbon Disulfide							Ug/L	
032102	Carbon Tetrachloride							Ug/L	
034301	Chlorobenzene							Ug/L	
034311	Chloroethane							Ug/L	

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WACS_FACILITY <u>89544</u>   SAMPLING DATE/TIME _____

WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____   PERMITTED: ___ (AS) Assessment (IW) Irrigation Well
                                 WELL TYPE   (BG) Background   (OT) Other
Ground water classification: <u>G-II</u>   (CO) Compliance   (PZ) Piezometer
                                                  (DE) Detection   (SO) Source
Well Purged prior to   (DG) Downgradient (UP) Upgradient
Sample Collection? (Y/N) _____   (IM) Intermediate (WS) Water supply

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
032106	Chloroform							Ug/L	
034418	Chloromethane							Ug/L	
032105	Dibromochloromethane							Ug/L	
038437	1,2-Dibromo-3-chloropropane							Ug/L	
046369	1,2-Dibromoethane							Ug/L	
034536	1,2-Dichlorobenzene							Ug/L	
034571	1,4-Dichlorobenzene							Ug/L	
049263	trans-1,4-Dichloro-2-butene							Ug/L	
034496	1,1-Dichloroethane							Ug/L	
034531	1,2-Dichloroethane							Ug/L	
034501	1,1-Dichloroethene							Ug/L	
077093	cis-1,2-Dichloroethene							Ug/L	
034546	trans-1,2-Dichloroethene							Ug/L	
034541	1,2-Dichloropropane							Ug/L	
034704	cis-1,3-Dichloropropene							Ug/L	
034699	trans-1,3-Dichloropropene							Ug/L	
034371	Ethylbenzene							Ug/L	
077424	Iodomethane							Ug/L	
077103	Methyl butyl ketone							Ug/L	
081595	Methyl ethyl ketone							Ug/L	
077596	Methylene bromide							Ug/L	
034423	Methylene chloride							Ug/L	
081596	Methyl isobutyl ketone							Ug/L	

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WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____   PERMITTED: ___ (AS) Assessment   (IW) Irrigation Well
                                                                  WELL TYPE   (BG) Background   (OT) Other
Ground water classification: <u>G-II</u>   (CO) Compliance   (PZ) Piezometer
                                                                                          (DE) Detection   (SO) Source
Well Purged prior to   (DG) Downgradient (UP) Upgradient
Sample Collection? (Y/N) _____   (IM) Intermediate   (WS) Water supply

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
077128	Styrene							Ug/L	
077562	1,1,1,2-Tetrachloroethane							Ug/L	
034516	1,1,2,2-Tetrachloroethane							Ug/L	
034475	Tetrachloroethene							Ug/L	
034010	Toluene							Ug/L	
034506	1,1,1-Trichloroethane							Ug/L	
034511	1,1,2-Trichloroethane							Ug/L	
039180	Trichloroethene							Ug/L	
034488	Trichlorofluoromethane							Ug/L	
077443	1,2,3-Trichloropropane							Ug/L	
077057	Vinyl Acetate							Ug/L	
039175	Vinyl Chloride							Ug/L	
034020	Xylenes							Ug/L	

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WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
000010	Temperature (field)							deg C	
000299	Dissolved Oxygen (field)							Mg/L	
000406	pH (field)							STD	
000094	Spec. Conductance (field)							Umhos/cm	
000610	Total Ammonia as N							Mg/L	
000940	Chlorides							Mg/L	
000620	Nitrate as N							Mg/L	
070300	Total Dissolved Solids							Mg/L	
000440	Bicarbonate							Mg/L	
000720	Cyanide							Ug/L	
000745	Sulfide							Ug/L	
	METALS								
001097	Antimony							Ug/L	
001002	Arsenic							Ug/L	
001007	Barium							Ug/L	
001012	Beryllium							Ug/L	
001027	Cadmium							Ug/L	
001034	Chromium							Ug/L	
001037	Cobalt							Ug/L	
001042	Copper							Ug/L	
001045	Iron							Ug/L	
001051	Lead							Ug/L	
071900	Mercury							Ug/L	
001067	Nickel							Ug/L	
001147	Selenium							Ug/L	
001077	Silver							Ug/L	
000929	Sodium							Mg/L	
001059	Thallium							Ug/L	

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WACS_FACILITY <u>89544</u>   SAMPLING DATE/TIME _____

WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
001102	Tin							Ug/L	
001087	Vanadium							Ug/L	
001092	Zinc							Ug/L	
	<u>ORGANICS</u>								
034205	Acenaphthene							Ug/L	
034200	Acenaphthylene							Ug/L	
081552	Acetone							Ug/L	
076997	Acetonitrile; Methyl cyanide							Ug/L	
081553	Acetophenone							Ug/L	
073501	2-Acetylaminofluorene; 2-AAF							Ug/L	
034210	Acrolein							Ug/L	
034215	Acrylonitrile							Ug/L	
039330	Aldrin							Ug/L	
078109	Allyl chloride							Ug/L	
077581	4-Aminobiphenyl							Ug/L	
034220	Anthracene							Ug/L	
034030	Benzene							Ug/L	
034526	Benzo(a)anthracene							Ug/L	
034230	Benzo(b)fluoranthene							Ug/L	
034242	Benzo(k)fluoranthene							Ug/L	
034247	Benzo(a)pyrene							Ug/L	
034521	Benzo(g,h,i)perylene							Ug/L	
077147	Benzyl alcohol							Ug/L	
039337	alpha-BHC							Ug/L	
039338	beta-BHC							Ug/L	
046323	delta-BHC							Ug/L	
039340	gamma-BHC; Lindane							Ug/L	
034273	Bis(2-chloroethyl)ether							Ug/L	

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WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
034278	Bis(2-chloroethoxy)methane							Ug/L	
073522	Bis (2-chloro-1-methylethyl) ether							Ug/L	
039100	Bis(2-ethylhexyl)phthalate							Ug/L	
073085	Bromochloromethane							Ug/L	
032101	Bromodichloromethane							Ug/L	
032104	Bromoform							Ug/L	
034413	Bromomethane							Ug/L	
034636	4-Bromophenyl phenyl ether							Ug/L	
034292	Butyl benzyl phthalate							Ug/L	
077041	Carbon Disulfide							Ug/L	
032102	Carbon Tetrachloride							Ug/L	
039350	Chlordane							Ug/L	
073529	p-Chloroaniline							Ug/L	
034301	Chlorobenzene							Ug/L	
039460	Chlorobenzilate							Ug/L	
034452	p-chloro-m-cresol							Ug/L	
034311	Chloroethane							Ug/L	
032106	Chloroform							Ug/L	
034418	Chloromethane								
034581	2-Chloronaphthalene							Ug/L	
034586	2-Chlorophenol							Ug/L	
034641	4-Chloropheny phenyl ether							Ug/L	
081520	Chloroprene							Ug/L	
034320	Chrysene							Ug/L	
977148	m&p-Cresols							Ug/L	
077152	o-Cresol							Ug/L	
039730	2,4-D; 2,4-Dichlorophenoxyacetic acid							Ug/L	

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WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
039360	4,4-DDD							Ug/L	
039365	4,4-DDE							Ug/L	
039370	4,4-DDT							Ug/L	
073540	Diallate							Ug/L	
034556	Dibenz(a,h)anthracene							Ug/L	
081302	Dibenzofuran							Ug/L	
032105	Dibromochloromethane							Ug/L	
049146	1,2-Dibromo-3-chloropropane							Ug/L	
077651	1,2-Dibromoethane							Ug/L	
039110	Di-n-butylphthalate							Ug/L	
034536	1,2-Dichlorobenzene							Ug/L	
034566	1,3-Dichlorobenzene							Ug/L	
034571	1,4-Dichlorobenzene							Ug/L	
034631	3,3-Dichlorobenzidine							Ug/L	
049263	trans-1,4-Dichloro-2-butene							Ug/L	
034668	Dichlorodifluoromethane							Ug/L	
034496	1,1-Dichloroethane							Ug/L	
034531	1,2-Dichloroethane							Ug/L	
034501	1,1-Dichloroethene							Ug/L	
077093	cis-1,2-Dichloroethene							Ug/L	
034546	trans-1,2-Dichloroethene							Ug/L	
034601	2,4-Dichlorophenol							Ug/L	
077541	2,6-Dichlorophenol							Ug/L	
034541	1,2-Dichloropropane							Ug/L	
077173	1,3-Dichloropropane							Ug/L	
077170	2,2-Dichloropropane							Ug/L	
077168	1,1-Dichloropropene							Ug/L	
034704	cis-1,3-Dichloropropene							Ug/L	

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WACS_FACILITY 89544

SAMPLING DATE/TIME

WACS_WELL

SAMPLING METHOD

MONITORING_SITE_NUM

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
034699	trans-1,3-Dichloropropene							Ug/L	
039380	Dieldrin							Ug/L	
034336	Diethyl phthalate							Ug/L	
073553	Thionazin							Ug/L	
046314	Dimethoate							Ug/L	
073558	p-(Dimethylamino)azobenzene							Ug/L	
073559	7,12-Dimethylbenz(a)anthracene							Ug/L	
082213	3,3-Dimethylbenzidine							Ug/L	
034606	2,4-Dimethylphenol							Ug/L	
034341	Dimethyl phthalate							Ug/L	
045622	m-Dinitrobenzene							Ug/L	
034657	2-Methyl-4,6-dinitrophenol							Ug/L	
034616	2,4-Dinitrophenol							Ug/L	
034611	2,4-Dinitrotoluene							Ug/L	
034626	2,6-Dinitroltoluene							Ug/L	
081287	DNBP (Dinoseb)							Ug/L	
034596	Di-n-octyl phthalate							Ug/L	
077579	Diphenylamine							Ug/L	
081888	Disulfoton							Ug/L	
034361	Endosulfan I							Ug/L	
034356	Endosulfan II							Ug/L	
034351	Endosulfan sulfate							Ug/L	
039390	Endrin							Ug/L	
034366	Endrin aldehyde							Ug/L	
034371	Ethylbenzene							Ug/L	
073570	Ethyl methacrylate							Ug/L	
073571	Ethyl methanesulfonate							Ug/L	

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WACS_FACILITY <u>89544</u>   SAMPLING DATE/TIME _____

WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
038462	Famphur							Ug/L	
034376	Fluoranthene							Ug/L	
034381	Fluorene							Ug/L	
039410	Heptachlor							Ug/L	
039420	Heptachlor epoxide							Ug/L	
039700	Hexachlorobenzene							Ug/L	
034391	Hexachlorobutadiene							Ug/L	
034386	Hexachlorocyclopentadiene							Ug/L	
034396	Hexachloroethane							Ug/L	
073576	Hexachloropropene							Ug/L	
034403	Indeno (1,2,3-c,d) pyrene							Ug/L	
077424	Iodomethane							Ug/L	
077033	Isobutyl alcohol							Ug/L	
039430	Isodrin							Ug/L	
034408	Isophorone							Ug/L	
073582	Isosafrole							Ug/L	
081281	Kepone							Ug/L	
081593	Methacrylonitrile							Ug/L	
073589	Methapyrilene							Ug/L	
039480	Methoxychlor							Ug/L	
077103	Methyl butyl ketone							Ug/L	
073591	3-Methylcholanthrene							Ug/L	
081595	Methyl ethyl ketone							Ug/L	
081597	Methyl methacrylate							Ug/L	
073595	Methyl methanesulfonate							Ug/L	
077416	2-Methylnaphthalene							Ug/L	
039600	Methyl Parathion							Ug/L	
077596	Methylene Bromide							Ug/L	

DEP Form 62-522.900(2) Effective April 14, 1994

OAK HAMMOCK DISPOSAL, CLASS I LANDFILL

PARAMETER MONITORING REPORT
Rules 62-701.510(8)(c)&(d), F.A.C.
WACS Report Type: ANNLC
Annual Leachate Monitoring (Page 7 of 9)

WACS_FACILITY 89544   SAMPLING DATE/TIME _____

WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
034423	Methylene Chloride							Ug/L	
081596	Methyl isobutyl ketone							Ug/L	
034696	Naphthalene							Ug/L	
073599	1,4-Naphthoquinone							Ug/L	
073600	1-Naphthylamine							Ug/L	
073601	2-Naphthylamine							Ug/L	
078142	o-Nitroaniline							Ug/L	
078300	m-Nitroaniline							Ug/L	
030342	p-Nitroaniline							Ug/L	
034447	Nitrobenzene							Ug/L	
034591	2-Nitrophenol							Ug/L	
034646	4-Nitrophenol							Ug/L	
073609	N-Nitrosodi-n-butylamine							Ug/L	
073611	N-Nitrosodiethylamine							Ug/L	
034438	N-Nitrosodimethylamine							Ug/L	
034428	N-Nitrosodipropylamine							Ug/L	
034433	N-Nitrosodiphenylamine							Ug/L	
073613	N-Nitrosomethylethalamine							Ug/L	
073619	N-Nitrosopiperidine							Ug/L	
078206	N-Nitrosopyrrolidine							Ug/L	
073622	5-Nitro-o-toluidine							Ug/L	
039540	Parathion							Ug/L	
077793	Pentachlorobenzene							Ug/L	
081316	Pentachloronitrobenzene							Ug/L	
039032	Pentachlorophenol							Ug/L	
073626	Phenacetin							Ug/L	
034461	Phenanthrene							Ug/L	

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07-24-2007

OAK HAMMOCK DISPOSAL, CLASS I LANDFILL

PARAMETER MONITORING REPORT
Rules 62-701.510(8)(c)&(d), F.A.C.
WACS Report Type: ANNLC

WACS_FACILITY 89544   SAMPLING DATE/TIME _____

WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
034694	Phenol							Ug/L	
073628	p-Phenylenediamine							Ug/L	
046313	Phorate							Ug/L	
039516	Polychlorinated biphenyls							Ug/L	
039080	Pronamide							Ug/L	
077007	Propionitrile							Ug/L	
034469	Pyrene							Ug/L	
077545	Safrole							Ug/L	
039760	Silvex; 2,4,5-TP							Ug/L	
077128	Styrene							Ug/L	
039740	2,4,5-Trichlorophenoxyacetic acid							Ug/L	
077734	1,2,4,5-Tetrachlorobenzene							Ug/L	
077562	1,1,1,2-Tetrachloroethane							Ug/L	
034516	1,1,2,2-Tetrachloroethane							Ug/L	
034475	Tetrachloroethene							Ug/L	
077770	2,3,4,6-Tetrachlorophenol							Ug/L	
034010	Toluene							Ug/L	
077142	o-Toluidine							Ug/L	
039400	Toxaphene							Ug/L	
034551	1,2,4-Trichlorobenzene							Ug/L	
034506	1,1,1-Trichloroethane							Ug/L	
034511	1,1,2-Trichloroethane							Ug/L	
039180	Trichloroethene							Ug/L	
034488	Trichlorofluoromethane							Ug/L	
077687	2,4,5-Trichlorophenol							Ug/L	
034621	2,4,6-Trichlorophenol							Ug/L	
077443	1,2,3-Trichloropropane							Ug/L	
073652	0,0,0-Triethyl phosphorothioate							Ug/L	

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OAK HAMMOCK DISPOSAL, CLASS I LANDFILL

PARAMETER MONITORING REPORT
Rules 62-701.510(8)(c)&(d), F.A.C.
WACS Report Type: ANNLC
Annual Leachate Monitoring (Page 9 of 9)

WACS_FACILITY 89544   SAMPLING DATE/TIME _____

WACS_WELL _____   SAMPLING METHOD _____

MONITORING_SITE_NUM _____

STORET CODE	PARAMETER MONITORED	ANALYSIS DATE	FIELD FILTERED (/N)	PRESERV. INTACT (Y/n)	ANALYSIS METHOD	ANALYSIS RESULT	DETECTION LIMIT	UNITS	QUALIFIER
073653	sym-Trinitrobenzene							Ug/L	
077057	Vinyl Acetate							Ug/L	
039175	Vinyl Chloride							Ug/L	
034020	Xylenes							Ug/L	

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Florida Department of Environmental Protection

3319 Maguire Boulevard, Suite 232, Orlando, Florida 32803-3767

MONITORING WELL COMPLETION REPORT

DATE: _____

FACILITY NAME: <u>Oak Hammock Disposal, Class I Landfill</u>_____

DEP PERMIT NO.: _____ WACS_FACILITY: <u>89544</u>_____

WACS MONITORING SITE_NUM.: _____ WACS_WELL: _____

WELL_TYPE: BACKGROUND _____ DETECTION _____ COMPLIANCE _____

LATITUDE AND LONGITUDE (see Page 2 for requirements): _____

Coordinate Accuracy _____ Datum _____ Elevation Datum _____

Collection Method _____ Collection Date _____

Collector Name _____ Collector Affiliation _____

AQUIFER MONITORED: _____

DRILLING METHOD: _____ DATE INSTALLED: _____

INSTALLED BY: _____

BORE HOLE DIAMETER: _____ TOTAL DEPTH: _____ (BLS)

CASING TYPE: _____ CASING DIAMETER: _____ CASING LENGTH: _____

SCREEN TYPE: _____ SCREEN SLOT SIZE: _____ SCREEN LENGTH: _____

SCREEN DIAMETER: _____ SCREEN INTERVAL: _____ TO _____ (BLS)

FILTER PACK TYPE: _____ FILTER PACK GRAIN SIZE: _____

INTERVAL COVERED: _____ TO _____ (BLS)

SEALANT TYPE: _____ SEALANT INTERVAL: _____ TO _____ (BLS)

GROUT TYPE: _____ GROUT INTERVAL: ____ TO _____ (BLS)

TOP OF CASING ELEVATION (NGVD): _____ GROUND SURFACE ELEVATION (NGVD): _____

DESCRIBE WELL DEVELOPMENT: _____

POST DEVELOPMENT WATER LEVEL ELEVATION (NGVD): _____

DATE AND TIME MEASURED: _____

REMARKS: _____

_____

NAME OF PERSON PREPARING REPORT: _____

_____

(Name, Organization, Phone No., E-mail)

NOTE   ATTACH AS-BUILT MW CONSTRUCTION DIAGRAM AND LITHOLOGIC LOG.
(NGVD) NATIONAL GEODETIC VERTICAL DATUM OF 1929 (BLS) = BELOW LAND SURFACE

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Latitude must be measured in degrees, minutes and seconds, to at least two (2) decimal places.

Longitude must be measured in degrees, minutes and seconds, to at least two (2) decimal places.

Eastings and northings **must** be converted to latitude and longitude.

Coordinate Accuracy: the measured, estimated degree of correctness of the measurement. An accuracy of 15 feet or 5 meters is preferred.

Datum: the horizontal reference for measuring locations on the Earth's surface. NAD83-North American Datum of 1983 is preferred.

Elevation Datum: the reference datum from which elevation measurements are made. NGVD29 (National Geodetic Vertical Datum of 1929 is preferred.

Collection Method: the method or mechanism used to derive the measurements, e.g. GPS, map, aerial photo, etc.

Collection Date: the date and time on which the measurements were taken.

Collector Name: the name of the person taking the measurement.

Collector Affiliation: the agency or company for whom the collector works.

Florida Department of Environmental Protection

3319 Maguire Boulevard, Suite 232, Orlando, Florida 32803-3767

GROUND WATER MONITORING REPORT

Rule 62-522.600(11)

PART I GENERAL INFORMATION

(1) Facility Name Oak Hammock Disposal, Class I Landfill

   Address

   City _____ Zip _____ County _____

   Telephone Number (_____) _____ (2) WACS_Facility 89544

(3) DEP Permit Number _____

(4) Authorized Representative's Name _Title _____

   Address

   City _____ Zip _____ County _____

   Telephone Number (_____) _____

(5) Type of Discharge _____

(6) Method of Discharge _____

CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submission of false information including the possibility of fine and imprisonment.

_____   _____
Date   Owner or Authorized Representative's Signature

PART II QUALITY ASSURANCE REQUIREMENTS

Sampling Organization Comp QAP # _____

Analytical Lab Comp QAP #/ HRS Certification _____

Lab Name _____

Address _____

Phone Number (_____) _____

E-mail Address _____

DER Form 62-522.900(2)
Effective April 14, 1994

DEP-SOP-001/01
FS 2200 Groundwater Sampling
Form FD 9000-24
GROUNDWATER SAMPLING LOG

FACILITY NAME: Oak Hammock Disposal, Class I Landfill		FACILITY LOCATION:	
MONITORING_SITE_NUM:	WACS_WELL:		DATE:

PURGING DATA

WELL DIAMETER (inches):	TUBING DIAMETER (inches):	WELL SCREEN INTERVAL DEPTH: ___ feet to ___ feet	STATIC DEPTH TO WATER (feet):	PURGE PUMP TYPE OR BAILER:

WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH – STATIC DEPTH TO WATER) X WELL CAPACITY
 only fill out if applicable

= (___ feet – ___ feet) X ___ gallons/foot = ___ gallons

EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME
(only fill out if applicable)

= ___ gallons + (___ gallons/foot X ___ feet) + ___ gallons = ___ gallons

INITIAL PUMP OR TUBING DEPTH IN WELL (feet):	FINAL PUMP OR TUBING DEPTH IN WELL (feet):	PURGING INITIATED AT:	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons):

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (^{O}C)	COND. (μmhos/cm or μS/cm)	DISSOLVED OXYGEN (circle mg/L or % saturation)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)

WELL CAPACITY (Gallons Per Foot): **0.75"** = 0.02; **1"** = 0.04; **1.25"** = 0.06; **2"** = 0.16; **3"** = 0.37; **4"** = 0.65; **5"** = 1.02; **6"** = 1.47; **12"** = 5.88
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): **1/8"** = 0.0006; **3/16"** = 0.0014; **1/4"** = 0.0026; **5/16"** = 0.004; **3/8"** = 0.006; **1/2"** = 0.010; **5/8"** = 0.016

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:	SAMPLER(S) SIGNATURES:	SAMPLING INITIATED AT:	SAMPLING ENDED AT:
PUMP OR TUBING DEPTH IN WELL (feet):	SAMPLE PUMP FLOW RATE (mL per minute):	TUBING MATERIAL CODE:	
FIELD DECONTAMINATION: Y N	FIELD-FILTERED: Y N FILTER SIZE: ___ μm Filtration Equipment Type:	DUPLICATE: Y N	

SAMPLE ID CODE	SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE
	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH		

REMARKS:

MATERIAL CODES: **AG** = Amber Glass; **CG** = Clear Glass; **PE** = Polyethylene; **PP** = Polypropylene; **S** = Silicone; **T** = Teflon; **O** = Other (Specify)

SAMPLING/PURGING **APP** = After Peristaltic Pump; **B** = Bailer; **BP** = Bladder Pump; **ESP** = Electric Submersible Pump; **PP** = Peristaltic Pump
EQUIPMENT CODES: **RFPP** = Reverse Flow Peristaltic Pump; **SM** = Straw Method (Tubing Gravity Drain); **VT** = Vacuum Trap; **O** = Other (Specify)

NOTES: 1. The above do not constitute all of the information required by Chapter 62-160, F.A.C.
     2. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SEE FS 2212, SECTION 3)

pH: $\pm$ 0.2 units **Temperature:** $\pm$ 0.2 ^{o}C **Specific Conductance:** $\pm$ 5% **Dissolved Oxygen:** all readings $\leq$ 20% saturation (see Table FS 2200-2);
optionally, $\pm$ 0.2 mg/L or $\pm$ 10% (whichever is greater) **Turbidity:** all readings $\leq$ 20 NTU; optionally $\pm$ 5 NTU or $\pm$ 10% (whichever is greater)

Revision Date: February 1, 2004