

Florida Department of  
**Environmental Protection**

Southwest District

---

**CONVERSATION RECORD**

---

**Date** April 28, 2003

**Subject** Inspection Report

**Time** 1:33 P.M.

**Permit No.** N/A

**County** Pasco

**Mr. Ron Walker**

**Phone No.** 727-856-0119

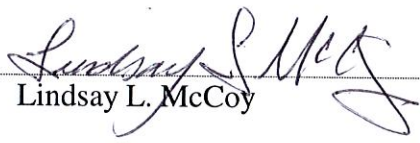
**Representing** West Pasco

☐ **Phoned Me**    ☒ **Was Called**    ☐ **Scheduled Meeting**    ☐ **Unscheduled Meeting**

**Other Individuals in Conversation/Meeting** \_\_\_\_\_

**Summary of Conversation/Meeting:** I called Mr. Walker to inquire about where the facility is pumping the water that accumulates on SW-1, within the berm. Mr. Walker stated that it is pumped to a tanker. I inquired about where it goes from there and he replied that it is taken to the treatment facility or poured into a manhole. I inquired about the cover within the berm. Mr. Walker stated that there is 18 inches of cover in that area that can be considered as intermediate cover. He stated that the area would be "carved out" and waste would be later disposed there. I again wanted to clarify that the facility was treating the liquids as leachate and stated that during the last inspection I thought that he had stated that the facility was discharging it to the storm water. I asked him why the facility implemented the berm if it was just storm water. He replied that the berm was to control erosion. He then stated that the water is pumped into the tanker. This concluded our conversation.

Signature \_\_\_\_\_

  
Lindsay L. McCoy

Title \_\_\_\_\_

E.S. I, Solid Waste Section

# Multi-media Post-inspection Meeting

9/11/02, 1:00pm Conference Room A

## Pasco County Resource Recovery Facility

### I. Post-Inspection Meeting Participants:

Solid Waste – Susan Pelz, Lindsay McCoy

Air- Nancy Knight

IW- Ilia Herrera

PW- Gerald Foster

RCRA- Beth Knauss?

Tanks- none

ERP- none

DW- Tom Gucciardo, Ed Snipes

WSM- Mercily Toledo, Charles Kovac

### II. Evaluation Results:

#### ➤ **Solid Waste – minor out of compliance**

*Compliance issues:*

Class III landfill- jet ski and electric hedge trimmer in Class III

Class I landfill – leachate seeps (south side of SW-1) discharging to swale which was discharging to stormwater

HHW – spillage in paint & used oil collection/storage areas; corroded paint storage buildings

Citizen Drop-Off Center - fluorescent bulbs not stored or labeled properly; waste containers not marked

Special wastes – white goods not marked indicating freon removal; lawn mowers should be marked to indicate gasoline and oil has been removed

*Enforcement issues:* to be determined-

#### ➤ **Air -** Records checks and observations during the inspection indicate **substantial compliance** with the terms of the permit. The only excursions outside permit parameters were associated with upsets caused by lightning, ruptured boiler tubes, and similar factors beyond the control of the operators. Available data indicate that best operational practices were followed during these incidents. Therefore, this facility is deemed to be in compliance with the provisions of the Title V air operating permit.

*Compliance Issues:* none

*Enforcement issues:* none

#### ➤ **Industrial Waste – in compliance**

*Compliance issues:* none

*Enforcement issues:* none

*Discussion:* public works yard truck wash- does IW need to inspect? If so, will this be addressed separately?



- **PW**  
*Compliance issues:* cross-connection control plan needs to be developed and implemented; \_\_\_\_\_  
*Enforcement issues:*

- **RCRA**  
*Compliance issues:*  
*Enforcement issues:*

- **Tanks**  
*Compliance issues:*

*Enforcement issues:*

- **ERP**  
*Compliance issues:*

*Enforcement issues:*

- **Domestic Waste**  
*Compliance issues:*  
*Enforcement issues:*

- **Watershed Management**  
*Compliance issues:*  
*Enforcement issues:*

- III. **Post-inspection Discussion/Questions:**  
*Format of evaluation results transmittal letter:*  
*In-compliance letter?*  
*Non-compliance letter?*  
*WL?*

- IV. **Follow-up activities required**



# PASCO COUNTY, FLORIDA

DADE CITY (352)521-4274  
LAND O' LAKES (813)996-7341  
SPRING HILL (727)856-0119  
FAX (727)861-3099

JOHN POWER  
RESOURCE RECOVERY FACILITY  
14230 HAYS ROAD  
SPRING HILL, FLORIDA 34610



February 3, 2003

Ms. Deborah A. Getzoff  
Director of District Management  
Southwest District  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, FL 33619



Subject: Multimedia Inspection  
West Pasco Resource Recovery Facility

Dear Ms. Getzoff:

Thank you for presenting Pasco County with the findings from the Department's multimedia inspection conducted at our West Pasco Resource Recovery Facility on July 30 of last year. Pasco County appreciates the Department's assistance in identifying issues that may present compliance concerns at our large, complex facility. In keeping with the format of your January 15, 2003 letter, we offer the following responses to your staff's comments and/or recommendations:

## Solid Waste Program

1. Class 1 Landfill. Based on your letter, all issues associated with the Class I Landfill have been corrected and no further action is necessary on the part of Pasco County at this time.
2. Household Hazardous Waste Collection Center. The Department recommends that the paint and battery storage buildings be repaired or replaced to prevent discharges outside the paved areas. Accordingly, Pasco County has budgeted to retro-fit the entire Household Hazardous Waste Collection Center in the upcoming fiscal year, which will include replacing



Ms. Deborah Getzoff

February 4, 2003

Page 2

2. Household Hazardous Waste Collection Center. The Department recommends that the paint and battery storage buildings be repaired or replaced to prevent discharges outside the paved areas. Accordingly, Pasco County has budgeted to retro-fit the entire Household Hazardous Waste Collection Center in the upcoming fiscal year, which will include replacing the storage buildings in question. In the meantime, we will closely monitor the buildings to insure that no liquids migrate into the environment.

3. Citizen Drop-Off Center. Based on your letter, all issues associated with the Citizen Drop-Off Center have been corrected and no further action is necessary on the part of Pasco County at this time.

4. Special Waste Management Area. Based on your letter, all issues associated with the Special Waste Management Area have been corrected and no further action is necessary on the part of Pasco County at this time.

#### Hazardous Waste Program

1. 40 CFR 279.22(c). All tanks and containers of used oil at the facility have now been labeled appropriately.

2. 40 CFR 279.22(d). The secondary containment around the used oil collection center has been sealed and the surrounding soil has been excavated as a precaution to ensure no environmental contamination. Clean topsoil was brought in to replace the excavated soil, which was placed in the Class I Landfill.

#### Industrial Wastewater Program

1. Public Works Yard truck washing. Pasco County Public Works has ceased the practice of washing their trucks at our site and we have filled in the on site pond that was accumulating the washwater.

#### Potable Water Program

1. Remote well site serving trailer. The well identified during the inspection is used only for non-potable uses in the temporary trailer. Bottled water is provided for drinking water purposes and all faucets in the trailer are clearly identified as non-potable.



Ms. Deborah Getzoff

February 4, 2003

Page 3

1. Substantial Compliance. Based on your letter, there were no issues identified with this program area and no further action is necessary on the part of Pasco County at this time.

I would like to take this opportunity to thank you and your staff for continuing to work with Pasco County to identify issues at all of our solid waste facilities prior to their elevating to a non-compliance status. I trust that the responses provided herein meet with the Department's satisfaction. Please do not hesitate to contact me at (727) 856-0119 if you or your staff requires additional information or status updates.

Sincerely,



John Power

Solid Waste Facility Manager

cc: Douglas S. Bramlett, Assistant County Administrator (Utilities)

Joe Miller, Covanta Pasco, Inc.

Susan Pelz, P.E. – DEP SWD Solid Waste

Dan Strobridge, CDM

## Memorandum

## Florida Department of Environmental Protection

### Multimedia Inspection Report Cover Memo

TO: x Deborah A. Getzoff, Director of District Management

DATE: January 7, 2003

FILE NAME: W. Pasco RRF - Multimedia Inspection Report

Inspection date: July 30, 2002

Lead Program/Contact: Solid Waste/Susan Pelz, P.E.

#### Inspection results:

**Solid waste:** minor compliance issues resolved prior to follow up inspection

**Hazardous waste:** minor compliance issues need to be resolved in 60 days

**Industrial wastewater:** No compliance issues noted. Facility needs to contact DEP concerning permitting a truck washing facility.

**Potable water:** additional information needed to assess facility's compliance status

**Air:** facility is in substantial compliance

U.S. Postal Service  
**CERTIFIED MAIL RECEIPT**  
 (Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

7001 1940 0001 7487 9178

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

1-15-03

Postmark  
Here

**Sent To**

Pasco County BCC c/o John Power

Street, Apt. No.,  
or PO Box No.

7530 Little Rd

City, State, ZIP+4

New Port Richey, FL 34654

PS Form 3800, January 2001

See Reverse for Instructions

West Pasco R.F. Multimedia Inspection

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- ☐ Addressee's Address
- ☐ Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Pasco County BCC  
 Mr. John Power, SW Fac. Mgr.  
 7530 Little Road  
 New Port Richey, FL 34654

7001 1940 0001 7487 91

4b. Service Type

- |   |                                    |
|---|------------------------------------|
| <input type="checkbox"/> Registered                     | <input type="checkbox"/> Certified |
| <input type="checkbox"/> Express Mail                   | <input type="checkbox"/> Insured   |
| <input type="checkbox"/> Return Receipt for Merchandise | <input type="checkbox"/> COD       |

7. Date of Delivery

8. Addressee's Address (Only if requested and fee is paid)

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)

X

Is your RETURN ADDRESS completed on the reverse side?

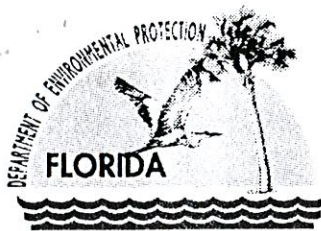
PS Form 3811, December 1994

102595-97-B-0179

Domestic Return Receipt

Thank you for using Return Receipt Service.





Jeb Bush  
Governor

# Department of Environmental Protection

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

David B. Struhs  
Secretary

CERTIFIED MAIL 7001 1940 0001 7487 9178  
RETURN RECEIPT REQUESTED

January 15, 2003

Pasco County Board of County Commissioners  
Mr. John Power, Solid Waste Facility Manager  
7530 Little Road  
New Port Richey, FL 34654

Re: July 30, 2002 Multimedia Inspection, West Pasco Resource Recovery Facility  
Air Permit No. 1010056  
Site Certification No. PA 87-23  
Waste Tire Processing Facility permit 126935-001-WT  
Class III Landfill operation permit 26255-001-SO  
Hazardous waste EPA ID #FL0 000 053 975  
Potable water system ID# PSW 6515184

Dear Mr. Power:

Thank-you for your assistance during the Department's multimedia inspection of the above-referenced facility on July 30, 2002. The Department believes that it will provide better service to the regulated community by conducting comprehensive, multimedia inspections of large, complex facilities that cross programmatic lines. These multimedia inspections are expected to result in improved environmental protection and a more complete evaluation of the facility, and will provide across-the-board feedback to the facility operator and staff. The Department apologizes for the delay in providing this report to you.

Following are comments and/or recommendations provided by each program area. These are also included in more detail in the inspection reports enclosed. Please feel free to contact the respective inspector if you have specific questions on any of the comments and/or recommendations provided.

**Solid Waste Program:**

Except as noted, the following minor solid waste compliance issues should be addressed:

1. Class I landfill. Leachate seeps on the south side of SW-1 were observed discharging to swale which was discharging to stormwater. A small pond was observed at the top of SW-1. This area should be intermediately covered and regraded to promote stormwater runoff and prevent seepage. Based on a follow-up inspection conducted on December 5, 2002, this issue has been corrected.
2. Household Hazardous Waste Collection Center. Spillage was observed in the paint and used oil collection/storage areas. The paint and battery storage buildings were corroded and discharging outside the asphalt paved area. Paint and used oil collection areas should be manned to prevent spillage during resident unloading, and subsequent handling. The paint and battery storage buildings should be repaired or replaced to prevent discharges outside the paved areas.
3. Citizen Drop-Off Center. Fluorescent bulbs were not stored or labeled properly. Waste containers were not marked. Fluorescent bulb storage containers and other waste containers should be marked. Based on a follow-up inspection conducted on December 5, 2002, this issue has been corrected.

"More Protection, Less Process"

Printed on recycled paper.

4. Special waste management area. It was unclear if white goods were marked indicating that Freon had been removed prior to storage in the scrap metal pile. Lawn mowers should be marked to indicate gasoline and oil has been removed prior to placement in the scrap metal pile. White goods, lawn mowers and other scrap metal which may contain contaminants which may discharge to the environment (e.g., Freon, oils, gasoline, grease, etc.) should be marked when the contaminants are removed, and prior to placing in the scrap metal pile. Based on a follow-up inspection conducted on December 5, 2002, this issue has been corrected.

**Hazardous Waste Program:**

The following minor compliance issues should be addressed:

1. 40 CFR 279.22(c) Label all tanks and containers of used oil with the words "used oil."
2. 40 CFR 279.22(d) Repair the leaking secondary containment around the used oil collection center tanks. Clean up the used oil released to the environment; conduct confirmatory sampling to verify the cleanup.

**Industrial Wastewater Program:**

1. Water from truck washing at the public works yard was being disposed at an on-site pond. This activity may require an Industrial Wastewater Permit. Please contact the Industrial Wastewater section at 813-744-6100 extension 404 to address this possible permit requirement.

**Potable Water Program:**

1. A remote well site serving a trailer was discovered during the inspection. Please provide details about the well, the number of people/service connection it serves, and if there is a connection to the other existing potable supply.
2. The Department has received your cross-connection control plan and will be providing comments upon completion of its review.

**Air Program:**

The facility is currently in substantial compliance with Department rules for this program area.

If any of the comments and/or recommendations included in this cover letter and/or enclosed inspection reports is requesting a response, please submit such response directly to the contact for the respective program within fifteen (15) days from receipt of this letter. If you have any questions you may call me at (813) 744-6100, extension 352.

Sincerely yours,



Deborah A. Getzoff  
Director of District Management  
Southwest District

DAG/sjp

Enclosures

Cc: Viet Ta, Covanta, 14230 Hayes Road, Springhill, Fl. 34610  
Ilia Balcom - DEP SWD Industrial Wastewater  
Susan Pelz, P.E. - DEP SWD Solid Waste  
Bill Proses, P.E. - DEP SWD Air Program  
Beth Knauss - DEP SWD RCRA  
Gerald Foster - DEP SWD Potable Water





Jeb Bush  
Governor

# Department of Environmental Protection

Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619

David B. Struhs  
Secretary

## HAZARDOUS WASTE INSPECTION REPORT

1. **INSPECTION TYPE:** ☒ Routine ☐ Complaint ☐ Follow-Up ☐ Permitting ☐ Pre-Arranged

FACILITY NAME Pasco County Resource Recovery EPA ID # FL0 000 053 975

STREET ADDRESS 14230 Hays Road, Spring Hill FL 34610

MAILING ADDRESS same

COUNTY Pasco PHONE 727/856-2917 DATE 7/30/02 TIME 9:00 A.M.

**NOTIFIED AS:** ☐ N/A

**CURRENT STATUS:**

- ☐ Non Handler  
☒ CESQG (<100 kg/mo.)  
☐ SQG (100-1000 kg/mo.)  
☐ Generator (>1000 kg/mo.)  
☐ Transporter  
☐ Transfer Facility  
☐ Interim Status TSD Facility  
☐ TSD Facility  
Unit Type(s):  
☐ Exempt Treatment Facility  
☐ Used Oil:

- ☐ Non Handler  
☒ CESQG (<100 kg/mo.)  
☐ SQG (100-1000 kg/mo.)  
☐ Generator (>1000 kg/mo.)  
☐ Transporter  
☐ Transfer Facility  
☐ Interim Status TSD Facility  
☐ TSD Facility  
Unit Type(s):  
☐ Exempt Treatment Facility  
☒ Used Oil: Generator, POCC

2. **APPLICABLE REGULATIONS:**

- |  |   |                                      |                                      |
|--|---|--------------------------------------|--------------------------------------|
| <input checked="" type="checkbox"/> 40 CFR 261.5 | <input type="checkbox"/> 40 CFR 262             | <input type="checkbox"/> 40 CFR 263  | <input type="checkbox"/> 40 CFR 264  |
| <input type="checkbox"/> 40 CFR 265              | <input type="checkbox"/> 40 CFR 266             | <input type="checkbox"/> 40 CFR 268  | <input type="checkbox"/> 40 CFR 273  |
| <input type="checkbox"/> 40 CFR 279              | <input checked="" type="checkbox"/> 62-710, FAC | <input type="checkbox"/> 62-737, FAC | <input type="checkbox"/> 62-740, FAC |

3. **RESPONSIBLE OFFICIAL(s):**

John Power, Pasco County

4. **INSPECTION PARTICIPANTS: (Primary)**

John Power, Pasco Co  
Viet Ta, Covanta  
Jason Gorrie, CDM

Susan Pelz, John Morris, Lindsay McCoy  
SW; Joe Cox, Air; Beth Knauss, RCRA;  
Jeff Hilton, Shannan Gunnoe, IW

5. **LATITUDE/LONGITUDE** 28° 22' 12" 82° 33' 48"

6. **TYPE OF OWNERSHIP:** Private Federal State County Municipal

7. **PERMIT #:** No HW Permit **ISSUE DATE:** **EXP. DATE:**

*"More Protection, Less Process"*

Printed on recycled paper.



## 8. PROCESS DESCRIPTION:

The facility is a county owned integrated waste management facility that includes a refuse to energy plant, a Class 1 landfill, a Class 3 landfill, a leachate treatment unit, a composting facility for yard waste, a recycling facility for municipal solid waste and a drop off center for white goods, recyclable metals, electronics, household hazardous waste and used oil. This section of the multimedia inspection report addresses hazardous waste generation and management activities.

Ash from the mass burn plant is tested quarterly for total RCRA metals and TC toxicity. The ash is treated with dolomitic lime at the grizzly which separates large metal pieces for recycling. The ash has never been found to be hazardous. Waste is screened prior to burning, and questionable materials are separated for management as hazardous waste if necessary.

The facility's aqueous waste streams, including leachate, demineralizer reject water and neutralized resin bed regenerate wastes are treated prior to discharge to the Shady Hills county owned waste water treatment facility, which is adjacent to this site, but considered a separate facility. A separate equipment wash area will be addressed by the IW section. The equipment wash was supplied by a well that is not noted on the facility's ground water monitoring plan. It was not clear that the well was permitted.

The facility descales its boiler tubes mechanically rather than chemically. The tubes are replaced when needed. A number of collection areas for universal waste lamps and batteries were noted at the facility. The containers were closed and labeled.

The facility does generate small quantities of hazardous waste by parts washing and maintenance. The parts washer wastes are managed by Safety Kleen. Copies of shipping papers were provided after the inspection.

Used oil was being accumulated at the mass burn plant in a small AST, which was properly labelled. Clay based oil dry is used to absorb spills. Near the tank, 3 cabinets were used to store various paints, including solvent based paints. An open bucket of solvent being used to clean paint brushes was stored outside of the cabinets. Containers of unused paint were also stored outside the cabinets. None of these containers were marked as waste paint or as hazardous waste. The operators initially could not account for disposal of solvent paint wastes, but speculated that the waste was being disposed of with the waste parts washer solvent or the used oil. Disposal with used oil is allowable, provided that the total quantity of hazardous waste generated at the facility per month, including the 16 gallons of parts washer waste, does not exceed 220 lb. The operators later indicated this material was disposed with the parts washer solvent, which would be preferred. If the facility becomes a 100-1000 kg/m generator, the additional F005 EPA Waste Codes must be noted on the shipping papers to Safety Kleen. Paint waste may not be evaporated as a method of treatment. The Department recommends that Pasco County keep records of the amount of paint waste being generated per month. Paint and solvent wastes should be kept in closed, labeled containers. An unlabeled container of what appeared to be used oil was also located in this area.

A non-flammable parts washer solvent was being used at the leachate treatment facility. Although this waste should be tested for TC toxicity prior to the next disposal, it is not likely to be hazardous as no chlorinated solvents are used in this area.

The drop off area for residential solid waste had an open unlabeled bin of fluorescent lamps. The storage bin was open and not labeled in violation of 40 CFR 273.33(d)(1) and 273.34(e). It is not clear that this

regulatory requirement applies to household wastes. However, as commercial universal waste lamps are accepted, the facility must comply with 40 CFR 273 standards in this area.

The recycling drop off center collects various regulated and potentially regulated wastes. The facility accepts used CRTs and computer equipment, and has a contract with Quicksilver for recycling these materials. Management of household hazardous waste is conducted in a roofed area that contains a number of tables and storage lockers. Safety gear is being maintained. The area is curbed, but rain water can blow in. Other storage lockers for paint and batteries were outside the containment area. It appeared that the back of some of these containers had been corroded and had the potential to lead.. These should be repaired and damaged sealant in the containment area repaired. The facility has a contract with USL City Environmental for disposal of house hold waste. None of the wastes observed appeared to be from commercial sources.

Used oil is collected in labeled above ground tanks. These are not under roof, and spills in the area were noted. Secondary containment around the tanks was leaking and releasing oil behind the tanks. Failure to promptly clean up used oil releases is a violation of 40 CFR 279.22(d).

Another small above ground tank labeled "waste oil" was noted at the maintenance barn. The label should be changed to read "used oil" to comply with 40 CFR 279.22(c). The tank was in secondary containment and under a roof.

#### 9. SUMMARY OF ALLEGED VIOLATIONS:

- |                     |  |
|---------------------|--|
| 40 CFR 279.22(c)    | Failure to label a container of used oil with the words "used oil."    |
| 40 CFR 279.22(d)    | Failure to promptly clean up used oil released to the environment.     |
| 40 CFR 273.33(d)(1) | Failure to keep collected universal waste lamps in closed containers.  |
| 40 CFR 273.34(e)    | Failure to keep collected universal waste lamps in labeled containers. |

#### 10. RECOMMENDATIONS:

- |                      |  |
|----------------------|--|
| 40 CFR 279.22(c)     | Label all tanks and containers of used oil with the words "used oil."  |
| 40 CFR 279.22(d)     | Repair the leaking secondary containment around the used oil collecton center tanks. Clean up the used oil released to the environment; conduct confirmatory sampling to verify the cleanup. |
| 40 CFR 273,33 and 34 | Keep universal waste lamps in closed containers marked "Universal Waste Lamps" or equivalent.  |

Report prepared by: \_\_\_\_\_

Elizabeth Knauss  
Environmental Manager

Date \_\_\_\_\_



EASIIR FINAL INSPECTION REPORT  
TITLE V AIR POLLUTION EMISSION SOURCES

Help

<b>FACILITY:</b>		<b>AIRS ID #:</b>
PASCO COUNTY RESOURCE RECOVERY FACILITY		1010056
<b>OWNER/COMPANY NAME:</b>		<b>COUNTY:</b>
PASCO COUNTY		PASCO
<b>SITE ADDRESS:</b>	<b>INSPECTION DATE:</b>	<b>ACTIVITY CODE:</b>
14230 HAYS ROAD	7/30/02	INS2
<b>PERMIT NUMBERS AND EXPIRATION DATES: (enter manually if desired)</b>		

**SECTION I: FACILITY CONTACT INFORMATION**

<b>CONTACT'S NAME:</b>		<b>TITLE:</b>
PHONE: 7/30/02		
Bruce Hartmier	Chief Engineer	7278562917

**SECTION II: FACILITY-WIDE CONDITIONS (STATUS AND COMMENTS)**

**OBJECTIONABLE ODORS:** ☐ IN

**PM AND VE:** ☐ IN

**UNREGULATED EUs:** ☐ IN

**INSIGNIFICANT EUs:** ☐ IN

**VOCs & ORGANIC SOLVENTS:** ☐ IN

**OTHER NON-EU REQUIREMENTS:** ☐ IN

**FACILITY-WIDE COMPLIANCE CONDITION** ☐ IN as of: 7/31/02

**SECTION III: REGULATED EU CONDITIONS**

**GROUPING:** ☐ **E.U.:** 1 - Municipal waste Combustor Unit #1

**Compliance Status:** ☐ IN **Arms Status:** ☐ A

**NONCOMPLIANCE:**



**OTHER EU  
COMMENTS:**

**GROUPING:**  **E.U.:** 2 - Municipal Waste Combustor Unit #2

**Compliance Status:** ☒ **Arms Status:** ☒

**NONCOMPLIANCE:**

**OTHER EU  
COMMENTS:**

**GROUPING:**  **E.U.:** 3 - Municipal Waste Combustor Unit #3

**Compliance Status:** ☒ **Arms Status:** ☒

**NONCOMPLIANCE:**

**OTHER EU  
COMMENTS:**

**GROUPING:**  **E.U.:** 4 - Storage Silo for Activated Carbon

**Compliance Status:** ☒ **Arms Status:** ☒

**NONCOMPLIANCE:**

**OTHER EU COMMENTS:** No problems noted during the inspection. The automatic feed system was experiencing problems from a lightning strike the previous evening; but the silo was operating properly and the plant was feeding unit 1 in the manual mode.

**GROUPING:**  **E.U.:** 5 - Leachate Treatment Facility

**Compliance Status:** ☒ **Arms Status:** ☒

**NONCOMPLIANCE:**

**OTHER EU COMMENTS:** No apparent problems during the inspection.

**GROUPING:**  **E.U.:** 7 - Fugitive Landfill Gas Emissions

**Compliance Status:** ☒ **Arms Status:** ☒

**NONCOMPLIANCE:**

**OTHER EU COMMENTS:** No problems with fugitive dust or odors. No complaints against this facility. The landfill emissions are far below the 50 Mg/hr threshold, so a gas collection system is not required.

**GROUPING:**  **E.U.:** 8 - Ash Building and Handling System

**Compliance Status:** ☐ **Arms Status:** ☐

Status: ☐ IN

Status: ☐ A

NONCOMPLIANCE:

OTHER EU

COMMENTS:

No apparent problems during inspection.

#### SECTION IV: OTHER COMMENTS/RECOMMENDATIONS

Records checks and observations during the inspection indicate substantial compliance with the terms of the permit. The only excursions outside permit parameters were associated with upsets caused by lightning, ruptured boiler tubes, and similar factors beyond the control of the operators. Available data indicate that best operational practices were followed during these incidents. Therefore, this facility is deemed to be in compliance with the provisions of the Title V air operating permit.

INSPECTOR'S NAME:

INSPECTOR'S OFFICE:

PHONE:

7/30/02

Joseph H. Cox

SWD

8137446100129

#### OVERALL COMPLIANCE STATUS

☐ IN

SIGNATURE(S):

DATE:

Printed *Thursday, August 1, 2002*





FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SOLID WASTE MANAGEMENT FACILITY  
INSPECTION CHECKLIST

Facility Name: West Pasco Resource Recovery Facility

WACS No. \_\_\_\_\_ GMS I.D. Number (if available): \_\_\_\_\_

Inspection Date: 07/30/02 Permit No.: PA87-23 (CL1) 126935-001-WT Expiration Date: \_\_\_\_\_

Facility Address: 14606 Hays Road

City: Spring Hill County: Pasco Zip: \_\_\_\_\_

Permittee or Operating Authority: Pasco County Utilities

Telephone Number (Permittee or Operating Authority): 727-856-0119

Inspection Participants (Include ALL Landfill and Department Employees Specifying Titles):

Principal Inspector: SUSAN PELZ, LINDSAY MCCOY, JOHN MORRIS

Other Participants: JEFF HILTON, SHANNON GUNN, BETH KNAUSS, JOE COX (FDEP); JOHN POWER, RON WALKER (PASCO CO.); JASON GOENIE (CDM); VIET TA (COVANTA)

TYPE OF FACILITY (check all that apply):

Landfill:	C&D Facility:	Waste Processing Facility:	Other Facilities:
<input checked="" type="checkbox"/> Class I	<input type="checkbox"/> Disposal	<input type="checkbox"/> Transfer Station	<input type="checkbox"/> Composting
<input type="checkbox"/> Class II	<input type="checkbox"/> Disposal w/Recycling	<input type="checkbox"/> C&D Recycling	<input type="checkbox"/> WTE Facility
<input checked="" type="checkbox"/> Class III	<input type="checkbox"/> Land Clearing	<input type="checkbox"/> Class III MRF	<input type="checkbox"/> Incinerator/Trench Burner
		<input type="checkbox"/> MSW MRF	<input type="checkbox"/> Unauthorized Disposal
		<input type="checkbox"/> Pulverizer/Shredder	<input checked="" type="checkbox"/> Other <u>WTPF</u>
		<input type="checkbox"/> Compactor/Baling	
		<input type="checkbox"/> Other _____	

TYPE OF INSPECTION (check all that apply):

<input type="checkbox"/> Construction Completion	<input type="checkbox"/> Complaint Investigation	<input type="checkbox"/> Other _____
<input checked="" type="checkbox"/> Operation	<input type="checkbox"/> Routine Inspection	
<input type="checkbox"/> Closure	<input type="checkbox"/> Reinspection	
<input type="checkbox"/> Long-Term Care	<input type="checkbox"/> Facility File Review	

REQUIREMENTS:

THE REQUIREMENTS LISTED IN THIS INSPECTION CHECKLIST ARE BASED UPON RULES OF THE FLORIDA ADMINISTRATIVE CODE. A "NO" RESPONSE TO A REQUIREMENT (UNLESS OTHERWISE NOTED) REFLECTS A VIOLATION OF THE CORRESPONDING DEPARTMENT RULE(S). EACH VIOLATION IS DISCUSSED IN THE NARRATIVE SECTION OF THIS REPORT.

I. SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16))	YES	NO	Unk	N/A
1. Unauthorized disposal/storage prohibited in areas lacking geological support? 62-701.300(2)(a)	✓			
2. Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)	✓			
3. Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls? 62-701.300(2)(c)	✓			
4. Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d)	✓			
5. Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)	✓			



I. SOLID WASTE PROHIBITIONS (CONTINUED)		YES	NO	Unk	N/A
6.	Unauthorized disposal/storage prohibited, except yard trash, within 200' of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(f)				
7.	Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(g)				
8.	Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)				
9.	Is open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)				
10.	Is hazardous waste disposal prohibited? 62-701.300(4)				
11.	Is PCB disposal prohibited except in accordance with Department requirements? 62-701.300(5)				
12.	Unless specifically authorized, is the known disposal of untreated biomedical waste prohibited? 62-701.300(6)				
13.	Is lead-acid battery disposal prohibited? 62-701.300(8)(a)				
14.	Is yard trash disposal prohibited in lined landfills? 62-701.300(8)(c)				
15.	Is the disposal of white goods prohibited? 62-701.300(8)(d)				
16.	Is whole waste tire disposal prohibited except in accordance with Department requirements? 62-701.300(8)(e)				
17.	Is the known disposal of lead-acid batteries, mercury-containing devices, or spent mercury-containing lamps in waste-to-energy facilities prohibited? 62-701.300(9)				
18.	Is the facility in compliance with the liquid restrictions on disposal? 62-701.300(10)				
19.	Is the disposal of used oil or used oil mixed with wastes prohibited in landfills with the exception of: (1) oily wastes, sorbents or other materials used for maintenance or to clean up spills, leaks or accidental releases of used oil; and (2) soils contaminated with used oil from spills and accidental releases? 62-701.300(11) and 62-701.300(8)(b)				
20.	Is the unauthorized storage/disposal of yard trash prohibited within the minimum setbacks for potable water wells (except on-site), water bodies and community water supply wells? 62-701.300(12)				
21.	Is the storage of solid waste in an approved tank prohibited within 500 feet of any existing community water supply well or within 100 of any other existing potable water supply well? 62-701.300(13)				
22.	Is the facility exempted from the prohibitions because of indoor storage in an areas with an impervious surface and leachate collection system? 62-701.300(14)				
23.	Is the facility exempted from the prohibitions because of storage in a vehicle that is enclosed or covered and the vehicle has been unloaded or moved over public highways within the previous seven days? 62-701.300(15)				

II. CLASS I, II & III LANDFILLS		YES	NO	Unk	N/A
<b>A. CONSTRUCTION VERIFICATION</b>					
1.	Subgrade or foundation adequately prepared? 62-701.400(3)(a)2				
2.	Liner construction/installation according to plans? 62-701.400(3)				
3.	Leachate collection and removal system installed according to plans? 62-701.400(4)				
4.	Disposal units constructed at planned intervals? 62-701.400(2)				
5.	Gas management system installed according to plans (if currently required)? 62-701.530(3) & (4)				
6.	Soil monitoring probes (for monitoring combustible gases) installed along property boundaries as needed? 62-701.530(2)(b)				
7.	Surface water management system construction according to plans? 62-701.400(9)				
8.	Ground water monitoring system constructed according to approved plan? 62-701.510(2)				
9.	Leachate storage constructed according to plans? 62-701.400(6)				
10.	Liner quality assurance plan followed? 62-701.400(7)				
<b>B. OPERATION AND MAINTENANCE</b>					
11.	Trained operator on-site at Class I and III landfills during operation? 62-701.500(1)	✓			
12.	At least one spotter at each working face during operation at Class I and III ? 62-701.500(1)	✓			



II. CLASS I, II & III LANDFILLS (CONTINUED)		YES	NO	Unk	N/A
B. OPERATION AND MAINTENANCE (CONTINUED)					
13.	Is the training plan maintained and available on-site and is it being followed properly? 62-701.320(15)(a)			✓	
14.	Are training records maintained and available on-site at the facility? 62-701.320(15)(a)			✓	
15.	Approved operating plan and permit, operating and waste records maintained? 62-701.500(2), (3), (4), (8)(f), (8)(g), (13)			✓	
16.	Is the operation plan substantially complied with at all times and revised as needed? 62-701.500(2)		✓		
17.	Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)	✓			
18.	Method and sequence of filling waste according to plans? 62-701.500(2)(f)	✓			
19.	Is access properly controlled to prevent unauthorized waste disposal? 62-701.500(5)	✓			
20.	Load checking program implemented? 62-701.500(6)			✓	
21.	Waste compaction as required? 62-701.500(7)(a)	✓			
22.	Working face and side grades above ground sloped no greater than 3 ft. horizontal to 1 ft. vertical rise? 62-701.500(7)(c)	✓			
23.	Is a narrow working face practiced? 62-701.500(7)(d)	✓			
24.	Are only permitted waste types disposed at facility? 62-701.340(3), 62-701.500(6)(a)&(2)(c)		✓		
25.	Is an adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(3)(e)4, 62-701.530(1)(a)	✓			
26.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)	✓			
27.	Initial cover adequate to control birds, blowing wastes, disease vectors or fires? 62-701.500(7)(e)	✓			
28.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)	✓			
29.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)	✓			
30.	Litter controlled and litter control devices maintained? 62-701.500(7)(i) and (11)(f)	✓			
31.	Adequate erosion control? 62-701.500(7)(j)				
32.	Is leachate sampled and tested as required? 62-701.500(8)(a) & 62-510(6)(c)	✓			
33.	Leachate collection and removal system maintained and cleaned as required? 62-701.500(2)(j), 62-701.500(8)(b) & (h)	✓			
34.	Leachate disposed of or treated as required? 62-701.500(8)(b), (c) and (d))	✓			
35.	If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5)	✓			
36.	Gas monitoring according to permit? 62-701.500(9) & 62-701.530(2)	✓			
37.	Gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)	✓			
38.	Gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)	✓			
39.	Gas pressures not interfering with or causing failure of the liner or leachate control system? 62-701.530(1)(a)4.	✓			
40.	Gas vents intact and functioning properly? 62-701.500(9) & 62-701.530(1)(a)3.	✓			
41.	Mixing of leachate and stormwater prevented or minimized? 62-701.500(10) & 62-701.400(9)(c)		✓		
42.	Peak discharge stormwater run-on to unclosed portions of the landfill prevented as required? 62-701.500(10), 62-701.400(9)(b)	✓			
43.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)	✓			
44.	Sufficient operating equipment? 62-701.500(11)(a)	✓			
45.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)	✓			
46.	Adequate communication facilities? 62-701.500(11)(c)	✓			
47.	Adequate approved dust control methods? 62-701.500(11)(d)	✓			
48.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(e)	✓			
49.	Required signs for operational directions and public information? 62-701.500(11)(g)	✓			
50.	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)	✓			
51.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(9)	✓			
52.	Water quality sampling and testing according to standard procedures and at required frequencies? 62-701.510(2)	✓			
53.	Is there proper control, management or disposal of special wastes? 62-701.520	✓			
54.	Are all specific conditions in the permit being followed? 62-701.320(1)		✓		



## VI. NARRATIVE

*Explanation for all "NO" responses and other comments*

### II. B.

# 24. Department personnel inspected the Class III Landfill. The working face appeared small and there were no loads being dumped during the time of our inspection. While inspecting the waste stream, Department personnel observed a jet ski and a plug in hedge trimmer. The Department does not view this as acceptable Class III waste.

# 41. During the inspection of the Class I Landfill, Department personnel noted leachate seeping out of the south side of SW-1, down the white rain cell cover, and into the ditch which discharges to the stormwater system. In order to prevent leachate from entering the stormwater system, the south slope, above the rain cell cover, of SW-1 needs to be re-graded and vegetated. Department personnel also noted ponded water on top of cell SW-1. This area also needs to be re-graded to prevent future ponding from occurring.

# 16 & #54. Specific Condition #7 refers to compliance with the Landfill Operations Plan. The above mentioned "NO" responses pertain to section 2.a., Operation, Controlling Types of Waste Received at the Landfill, of the Class III operations plan and section 2.8, Operations of Gas, Leachate, and Stormwater Control, of the Class I operations plan.

During the site visit, Department personnel inspected the tipping floor for the Waste-to-Energy plant where a truck was observed unloading waste. The tipping floor appeared to be in good condition.

While inspecting the citizen drop off center, Department personnel noted that signs were not posted to identify the containers. The Department recommends that signs be posted to designate the waste in each of the roll-off containers in order to eliminate any possible confusion residents may have during busier times. Department personnel also noted the fluorescent light bulbs were not stored in a sealed, waterproof container with proper labeling.

No problems were noted during the inspection of the leachate treatment plant and leachate holding tank.

The waste tire storage area appeared to be in compliance. The pile did not appear to be higher than 15 feet or wider than 50 feet.



The Department had concerns regarding the containment area where the used oil and oil filters were being stored in the Household Hazardous Waste area. Used oil appeared to be seeping out of one of the drums. The spills noted in this area need to be addressed and the opening in the containment wall needs to be sealed off to prevent any potential liquids from escaping the containment area. The Department also noted that the "Contaminated Motor Oil" tank label was illegible and needs to be re-labeled. The storage shed designated for "Paint Only" showed signs of corrosion and needs to be repaired. Department personnel also documented several areas where spillage has occurred around the paint storage area. This area has no containment around the storage sheds. This allows potential runoff of liquid wastes into the stormwater system when spills occur.

White goods are placed in an area separate from the metal scrap pile until freon has been extracted. It did not appear as if any of the white goods observed during the time of our inspection had been marked confirming that the freon had been removed prior to being mixed into the scrap metal pile. The Department recommends that every lawnmower also be marked after all liquids, if any, are extracted and prior to placement in the metal scrap pile, to reduce any potential for discharges to the environment of any residuals.

The working face for the Class III Landfill appeared small and there were no loads being dumped during the time of our inspection. While inspecting the waste stream, Department personnel observed a jet ski and an electric hedge trimmer. The Department does not view this as acceptable Class III waste.

During the inspection, Department personnel discovered a small pond filled with wash down water where Road & Bridge employees were cleaning their vehicles. The Department has not provided any authorization for this particular activity. The truck washing operation must cease immediately, and the Department's Industrial Wastewater Section should be contacted to determine permitting requirements.

The Department visited the Recovered Materials Processing Facility (RMPF). The RMPF is exempt from solid waste permitting. The RMPF appeared to be in good condition.

Records were not reviewed during the inspection due to time constraints. These records will be reviewed at the next scheduled inspection.

The Department will follow-up on these items at the next inspection. If you have any questions or comments, please contact either Susan Pelz at (813) 744-6100 ext. 386 or myself at ext. 374.

Sincerely,

A handwritten signature in black ink, appearing to read "Lindsay McCoy". The signature is fluid and cursive, with the first name "Lindsay" written in a larger, more prominent script than the last name "McCoy".

Lindsay McCoy, E.S.I, Solid Waste Section

cc:

A small, handwritten signature in blue ink, appearing to be the first initial of "Susan".

Susan Pelz, P.E., FDEP



## FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

## WASTEWATER COMPLIANCE INSPECTION REPORT

## FACILITY AND INSPECTION INFORMATION

@ = Optional

Name and Physical Location of Facility Pasco County Resource Recovery Facility 14230 Hays Road Spring Hill, FL 34610	WAFR ID: None	County Pasco Phone (727) 856-0119	Entry Date/Time 7/30/02 at 9:15 AM @ Exit Date/Time 7/30/02
Name(s) of Field Representatives(s) John Power Viet Ta	Title Solid Waste Facility Manager Facility Environmental Engineer	Phone (727) 856-0119 (727) 856-2917	
Name and Address of Permittee or Designated Representative NA	Title	Phone	@ Operator Certification #

Inspection Type	R	I	Samples Taken (Y/N): N	@ Sample ID#:	Samples Split (Y/N):
<input type="checkbox"/> Domestic	<input checked="" type="checkbox"/> Industrial	Were Photos Taken (Y/N): N	@ Log book Volume: I	@ Pages: 117-118	

## FACILITY COMPLIANCE AREAS EVALUATED

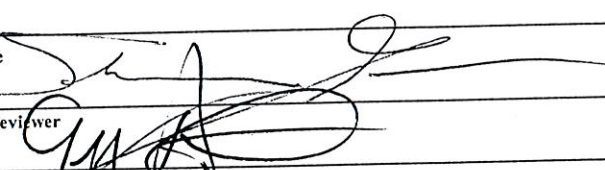
S=Satisfactory; M=Minor; U=Unsatisfactory; Blank=Not Evaluated

Significant Non-Compliance Criteria Should be Reviewed when Unsatisfactory Ratings Are Given in Areas Marked by a "♦"

PERMITS/ORDERS	SELF MONITORING PROGRAM	FACILITY OPERATIONS	EFFLUENT/DISPOSAL
1. ♦ Permit	3. Laboratory	S 6. Facility Site Review	9. ♦ Effluent
2. ♦ Compliance Schedules	4. Sampling	7. Flow Measurement	10. ♦ Disposal
	5. ♦ Records & Reports	S 8. ♦ Operation & Maintenance	S 11. Residuals Management
13. Other:			12. Groundwater

Facility and/or Order Compliance Status: ☒ In-Compliance ☐ Out-Of-Compliance ☐ Significant-Out-Of-Compliance

Recommended Actions: None at this time.

Name(s) and Signature(s) of Inspector(s)  Shannan M. Gurnoe	District Office/Phone Number SWD/ (813) 744-6100, ext. 415	Date 8-14-02
@ Signature of Reviewer Jeff Hilton	District Office/Phone Number SWD/ (813) 744-6100, ext. 439	Date 8/14/02

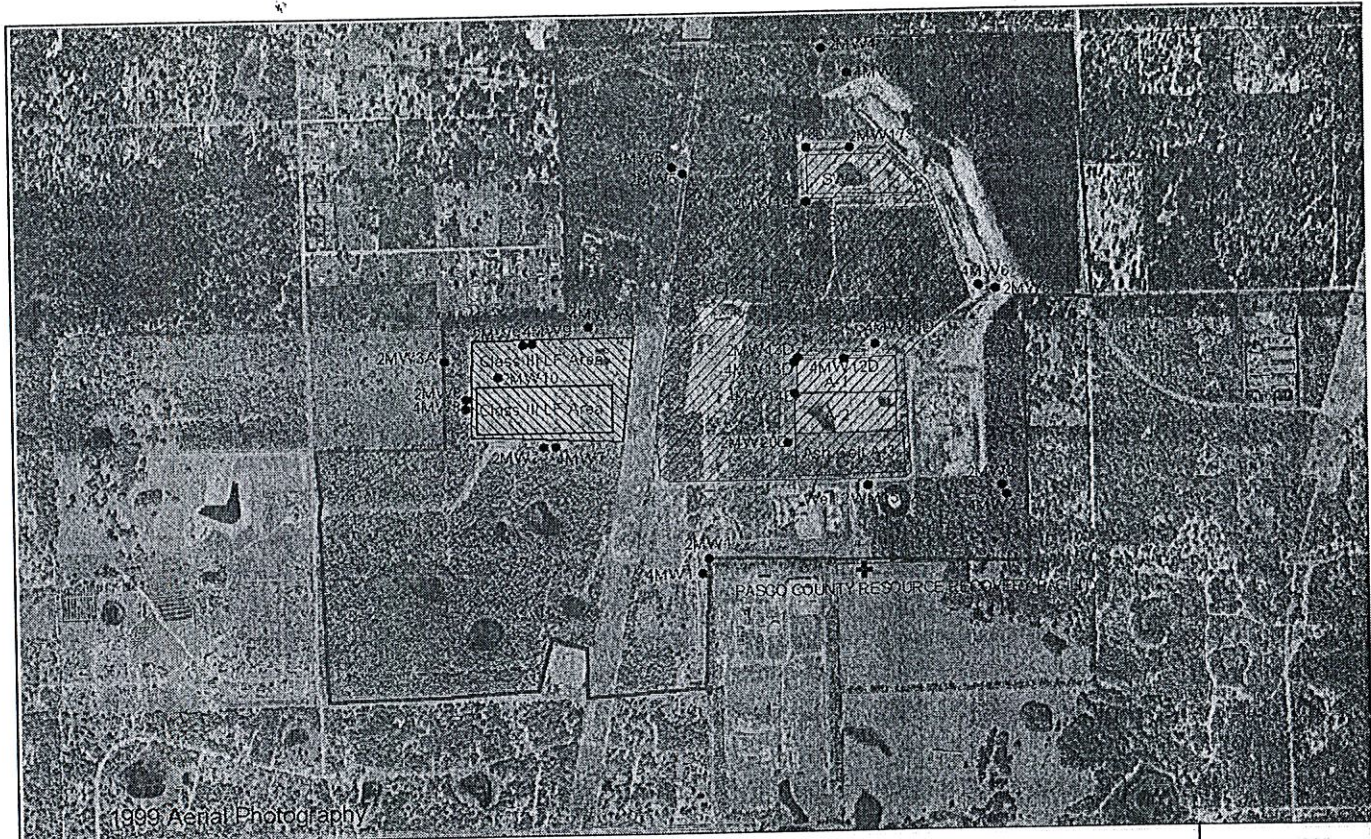
Fill Out This Section For All Surface Water Discharger Inspections (CEI, CSI, CBI, PAI, XSI, RI)

Transaction Code	NPDES Number	YR/MO/DA	Insp Type	Inspector	Fac Type
N 5			1	2	3
ADDITIONAL NPDES COMMENTS					

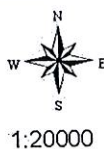
Inspection Type (Field 1) A=PAI, B=CBI, C=CEI, S=CSI, X=XSI, R=RI  
 Inspection Code (Field 2): S=State, J=Joint EPA/State-EPA Lead, T=Joint State/EPA-State Lead, L=Local Program  
 Facility Type (Field 3): 1=Municipal (Publicly Owned), 2=Industrial and Privately Owned Domestic, 3= Agricultural, 4=Federal  
 Every other field is self explanatory



## FACILITY DIAGRAM @



**Pasco Resource Recovery Features**  
 Class I LF Area  
 Class II LF Area  
 Property Boundary  
 Monitoring Wells  
 Power Plant Reference Point



### Multimedia Project: Pasco Resource Recovery Plant Before Inspection



### INSPECTION COMMENTS

**Reconnaissance Inspection**  
**Pasco County Resource Recovery Facility**  
**Spring Hill, Pasco County, Florida**

### INTRODUCTION

On July 30, 2002, representatives of the Florida Department of Environmental Protection (FDEP) Industrial Wastewater Section conducted a Reconnaissance Inspection (RI) at the Pasco County Resource Recovery Facility, in Spring Hill, Pasco County, Florida. This RI was conducted as part of a Department multi-media inspection. The facility does not possess an Industrial Wastewater Facility Permit at this time. Further, all wastewater streams appeared to be processed appropriately without off-site discharge.

Individuals present during the inspection were as follows:

<u>NAME</u>	<u>ORGANIZATION</u>	<u>TELEPHONE</u>
Shannan M. Gunnoe	FDEP	(813) 744-6100, ext. 415
Jeff Hilton	FDEP	(813) 744-6100, ext. 439
Susan Pelz	FDEP	(813) 744-6100, ext. 451
Lindsay McCoy	FDEP	(813) 744-6100, ext. 374



Beth Knauss	FDEP	(813) 744-6100, ext. 383
Joe Cox	FDEP	(813) 744-6100, ext. 129
Viet Ta	Covanta Energy	(727) 856-2917
John Power	Pasco County	(727) 856-0119

## SUMMARY/DATA INTEGRITY

Based upon the items evaluated during the inspection and discussed in this report, this facility was found to be in compliance with Department regulations applicable to the Industrial Wastewater (IW) Program.

## FIELD EVALUATION

The compliance areas evaluated on the cover FDEP Wastewater Compliance Inspection Report Form are discussed in this report.

1. **Permit:** This facility does not possess an Industrial Wastewater Facilities Permit; based upon observations made during the RI it appeared that such permitting is not required at this time.
2. **Compliance Schedules:** This compliance area is not applicable.
3. **Laboratory:** This compliance area is not applicable.
4. **Sampling:** This compliance area is not applicable.
5. **Records & Reports:** This compliance area is not applicable.
6. **Facility Site Review:** This is a landfill with a waste-to-energy operation that incinerates municipal solid waste for electricity generation. The facility is owned by Pasco County. However, Covanta Energy is the contractor responsible for the waste incinerator.

Waste arrives via trucks at the tipping floor. The tipping floor is paved and enclosed in a roofed structure with concrete curbs at both entrances to prevent stormwater runoff. There are no drains or other outfalls present in this area. Incident liquid is absorbed by the solid waste (fuel) and the floor is swept, rather than washed. Fuel is stacked and loaded into the incineration units with a crane.

The floor of the power block is paved and equipped with drains for the collection of washwater. This washwater is routed to a sump and combined with boiler blowdown and water from the neutralization tank. This stream is then used to quench incinerator ash.

Spent cooling water generated at this site is routed to the adjacent Shady Hills Wastewater Treatment Plant (SHWWTP). Tertiary treated wastewater from the SHWWTP is then returned for use as cooling and irrigation water.

Leachate from the ash disposal area is collected and stored in a two million gallon, aboveground storage tank. The tank is located in a diked storage area that is lined with high-density polyethylene. Leachate is then treated in an on-site treatment plant. Distilled water from this process is used on-site for cooling tower make-up water.

Leachate from the landfill is discharged to the adjacent SHWWTP.

**Rating:** Satisfactory

7. **Flow Measurement:** This compliance area is not applicable.
8. **Operations & Maintenance:** Operations at this facility did not appear to produce any wastestreams that would require an IW permit. No upset or nuisance conditions were observed.

**Rating:** Satisfactory

9. **Effluent:** This compliance area is not applicable.
10. **Disposal:** This compliance area is not applicable.
11. **Residuals Management:** Residual solids from the leachate treatment facility are transported to the Okeechobee Landfill for disposal.

**Rating:** Satisfactory

12. **Groundwater:** Groundwater monitoring associated with the IW program is not required at this site.

# COMPLIANCE INSPECTION

OWNER/ADDRESS  
VIET TA  
14230 HAYS ROAD  
SPRING HILL, FL. 34610

SYSTEM NAME  
PASCO CO. RESOURCE  
RECOVERY  
COUNTY Pasco

SYSTEM TYPE NTNC  
ID# 6515184

DATE OF INSPECTION: 8/1/02  
SUPERVISOR: Gerald Foster  
INSPECTOR: Bill Ryland

## Check List:

- ( ) Well Protection - Housing \_\_\_\_ Security Fencing X
- ( ) Well Abandonment
- \*( ) Sanitary Seal/Disinfection Port
- \*( ) 6' x 6' x 4" Concrete Apron - Cracked \_\_\_\_ Missing \_\_\_\_ Inadequate size \_\_\_\_
- ( ) Raw Water Tap - Missing \_\_\_\_ Threaded \_\_\_\_ Wrong location \_\_\_\_
- \*( ) Check Valve - Inoperable \_\_\_\_ Missing \_\_\_\_ Wrong location \_\_\_\_
- \*( ) Time Clock / Flow Meter - Missing \_\_\_\_ Broken \_\_\_\_ Make \_\_\_\_
- \*( ) Sanitary Hazard \_\_\_\_
- ( ) Water Pressure Gauge - Missing \_\_\_\_ Broken/Cracked \_\_\_\_
- ( ) Water Pressure Adequate On/Off \_\_\_\_ P.S.I.
- \*( ) Disinfection Free Cl<sub>2</sub> Residual Plant \_\_\_\_ mg/l Remote 1.24 mg/l  
**A minimum of 0.2 mg/l chlorine residual must be maintained at all times throughout the distribution system**
- \*( ) Gas Chlorination: Need Separate Room \_\_\_\_ Cross-Ventilation \_\_\_\_  
Scales; Safety Equipment; Dual Gas; Cylinders Chained; Breathing Apparatus;  
Ammonia; Wrenches Auto Switch Over; Lack of Chlorination Capability Alarm
- \*( ) Alarm Requirements Of New/Modified Systems After 1/1/93 \_\_\_\_
- \*( ) Cross-Connection - Location: \_\_\_\_
- \*( ) Auxiliary Power/Second Well (For 350 persons/150 connections)  
Needs Auto Start \_\_\_\_ Operated Monthly - Yes \_\_\_\_ No \_\_\_\_
- ( ) Certified Operator Name: VEIT TA/TIM SLATER Number D7788/D803
- ( ) Maintenance Logs
- ( ) NSF Approved Chlorine Yes X No \_\_\_\_
- ( ) OTHER TREATMENT - Softeners \_\_\_\_ Filters \_\_\_\_ Aerators \_\_\_\_ Other \_\_\_\_
- (X) Miscellaneous CROSS CONNECTION CONTROL PLAN
- ( ) NO DEFICIENCIES THIS DATE

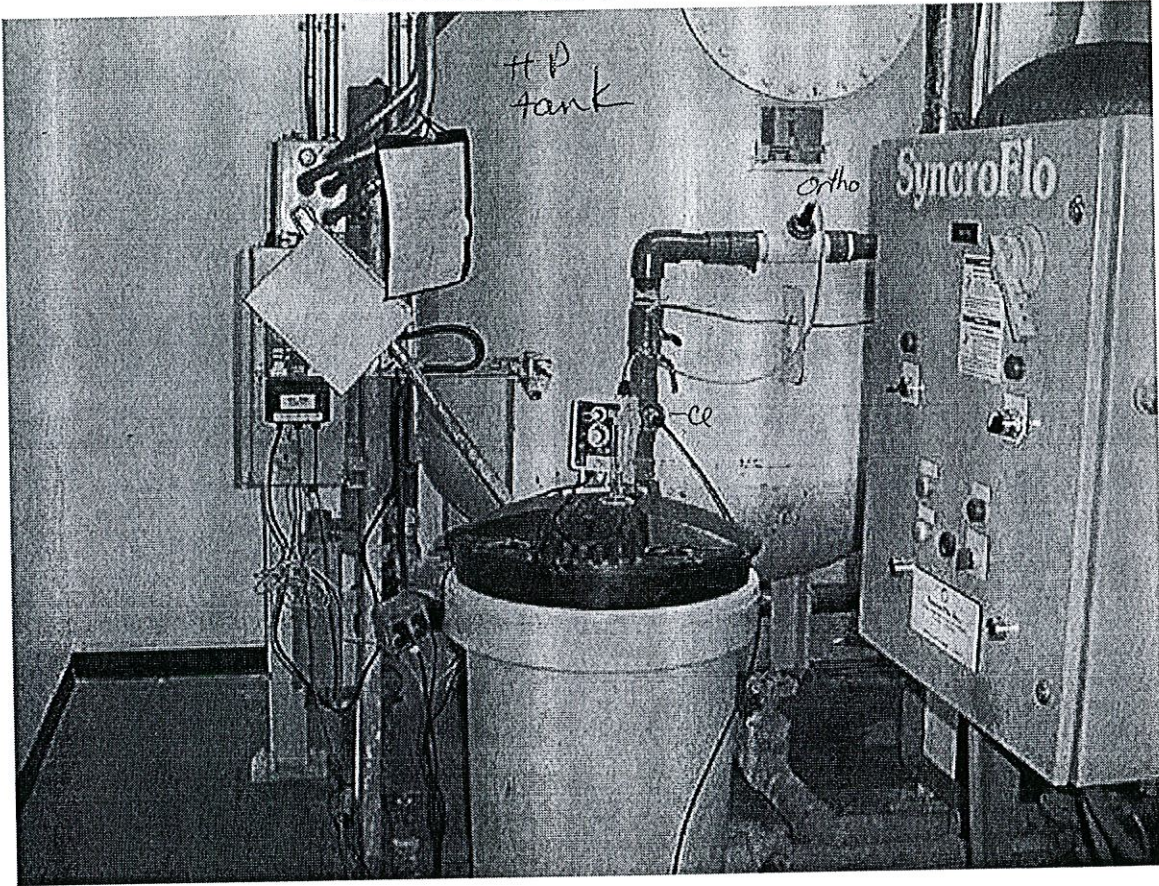
**\* REQUIRES REINSPECTION WITHIN 45 DAYS OF INSPECTION DATE.**

## COMMENTS

INSPECTION WAS CONDUCTED WITH VIET TA AND TIM SLATER. SINCE SYSTEM HAS REUSE WATER, A CROSS CONNECTION CONTROL PLAN NEEDS TO BE DEVELOPED AND IMPLEMENTED AS PER 62-555.360 FAC. I LEFT A SAMPLE PLAN/CHECK LIST WITH VIET AND TIM. ENSURE MAINTENANCE LOGS HAVE PROPER ENTRIES- SEE ENCLOSED 62-602.650. WATER QUALITY PARAMETERS(ALKALINITY,pH,ORTHOPHOSPHATE) SHOULD BE COLLECTED TWICE IN THE NEXT SAMPLING PERIOD(JUNE-SEPT. 2004). Enclosed find information on FRWA.



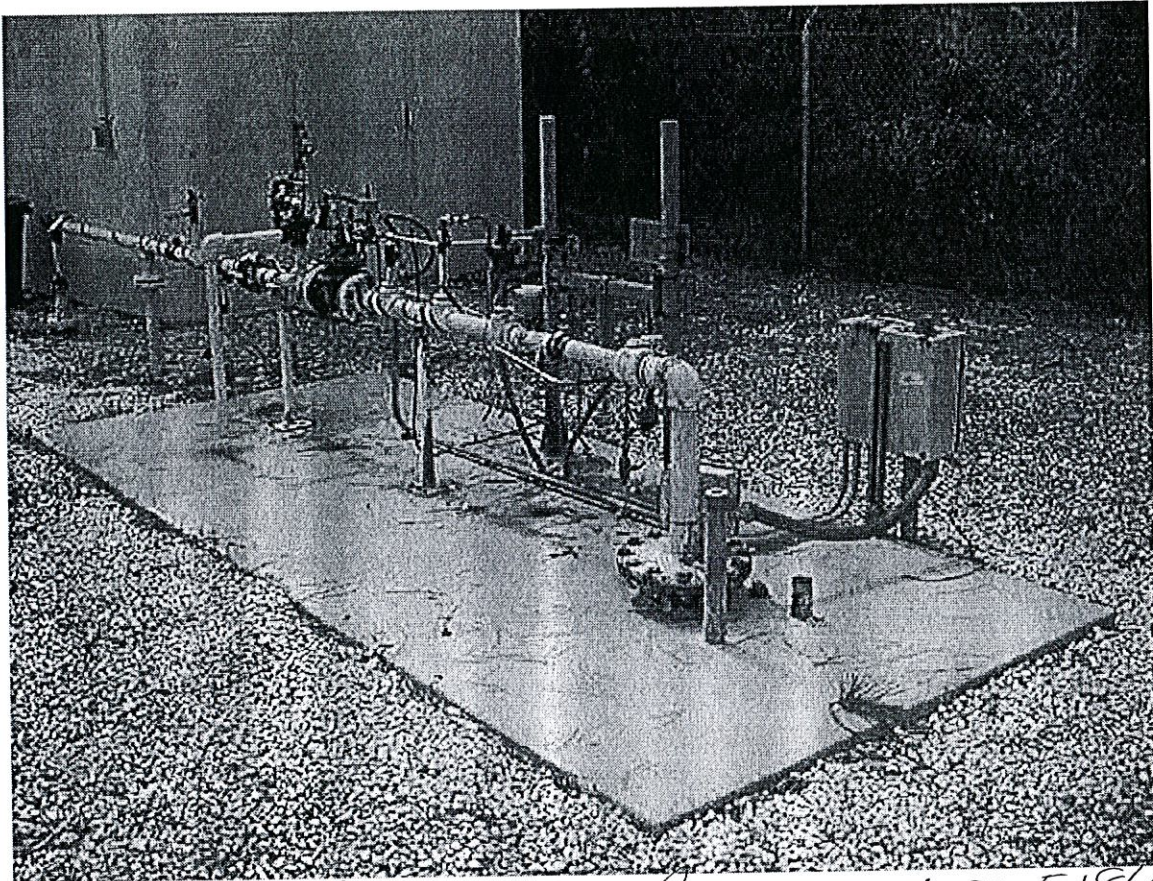
chlor-ortho inj .jpg (640x480x16M jpeg)



Chlorine  
&  
ortho phosphate injections



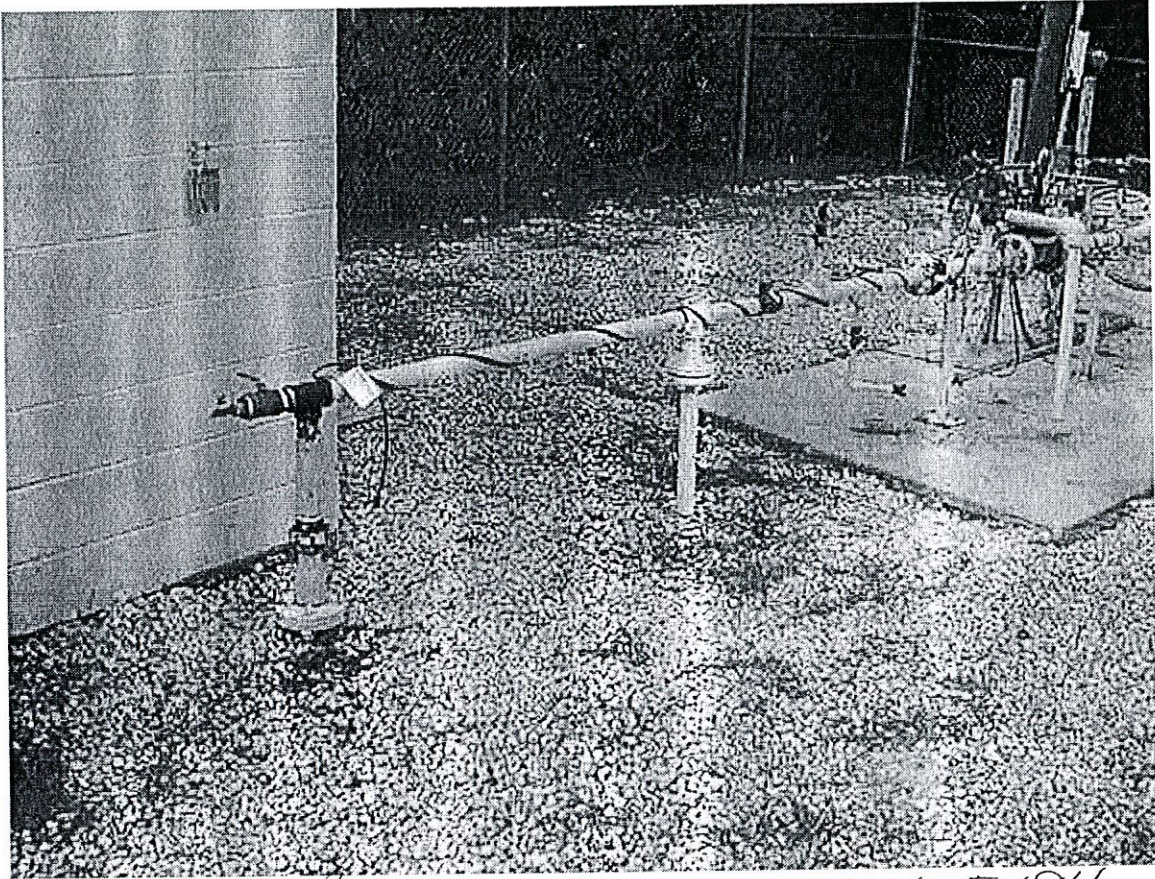
potable well.jpg (640x480x16M jpeg)



Rasco Resource Recovery 651-5184  
potable well  
GPS tag # AAC 3528



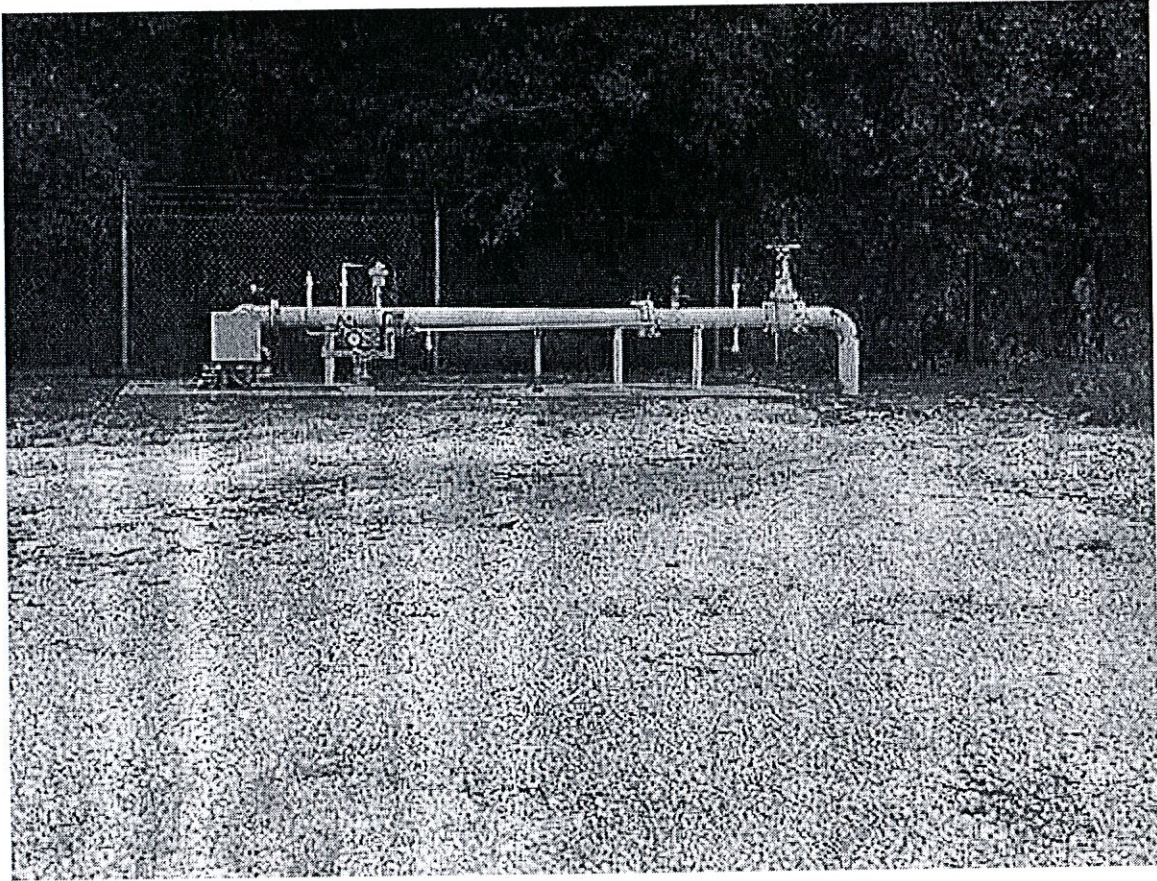
potable well-3.jpg (640x480x16M jpeg)



Pasco Resource Recovery 651-5184  
another view of portable well



non potable well for cooling tower.jpg (640x480x16M jpeg)



non potable well  
for cooling tower  
back up water



## Laboratory Expenses

FRWA works with our associate member labs to provide your system discounts on testing expenses. These reduced costs and discounts often times exceed 20%.

## Financing

With years of experience in all types of water supply situations, your consultants at the FRWA can assist you in obtaining the most beneficial financing for your particular needs. We can also help you explore alternative methods of funding.

## Insurance

Insurance is very important to water supply operations on both a professional and a personal level. Individual operators and managers are eligible for group health insurance, dental coverage and life insurance through the Rural Water Systems Group Insurance Plan. We even help you build toward a secure and comfortable future with the Rural/Municipal Retirement Plan. The association can also provide your system with low cost general liability, automobile liability, umbrella liability & O liability insurance.



Florida Rural Water Association  
1391 Timberlane Road  
Tallahassee, FL 32312  
(904) 668-2746

# FLORIDA RURAL WATER ASSOCIATION

The Florida Rural Water Association was formed for the benefit of small water supply systems throughout Florida. We are non-profit, non-regulatory and we are not a government agency. Our only purpose is to assist small water systems with every phase of the water management process including day to day operation. We are the only organization of this kind in Florida. Our Active members consist of any municipalities, private systems, mobile home parks or community water supplies that serve less than 10,000 people. Our board of directors is elected from the membership at the annual meeting.

1-800 872-8207

## FLORIDA RURAL WATER ASSOCIATION

FORREST FELTON  
Water State Circuit Rider

2970 WELLINGTON CIRCLE WEST STE. 101  
TALLAHASSEE, FL 32308-6885  
PH. (850) 668-2746  
FAX (850) 893-4581  
e-mail: [forrest@frwa.net](mailto:forrest@frwa.net)



## Technical Assistance

This is one of the major benefits of belonging to the FRWA. Whenever you need assistance with any phase of water system operation, maintenance or management we'll have one of our water system experts at your service, on location if necessary. This service alone can save you thousands of dollars. From demand analysis to rate structuring, operation and management, we are always ready to help you with any concerns that may arise. And remember, this service is at no charge to FRWA members. There are five full-time technical personnel located throughout the state to provide on-site training and technical assistance, and two office employees. The following equipment is available to our members on loan at no charge. In fact, membership money is used to purchase community association equipment. Your membership dues work for you:

Leak Detectors; (1) Computerized Leak Correlator; Line Tracers; Valve Locators; Backflow Testing Devices; Hydrant Flow and Pressure Meters; Lab/Testing Equipment; Pressure Recorders.

## Training

We conduct seminars throughout the state to bring you interesting and informative programs with noted industry professionals. Our monthly training

programs will provide initial training and assistance with operator certification, as well as, keeping you up to date on new information in the field. At these training sessions and at the annual technical conference you will benefit from the opportunity to meet and discuss water system concerns with other Florida system operators.

In addition to the sessions, we also provide extensive training and reference manuals for operation, maintenance and management personnel. We will send you a quarterly newsletter and updates on important developments that affect you. And, you will have access to an extensive resource library of publications relating to every phase of water system construction, maintenance, operation and management. Slide presentations and videos are also available. The Florida Rural Water Association will also provide you with a D-Level Training and Certification Manual as well as, sample test questions and answers.

## National and State Representation

The FRWA is your voice in Tallahassee and Washington. The association employs a Governmental Liaison person to make small water system concerns and needs known to State Legislators and Representatives of Florida. FRWA maintains constant liaison with DER, HRS, EPA, FMFLA, etc on behalf of our members.



**62-602.650 Duties of Operators.**

An operator is responsible for performing treatment plant operation and maintenance duties in a responsible and professional manner consistent with standard operating practices. The duties shall be the following:

(1) Perform responsible and effective on-site management and supervision over personnel and plant functions including, if applicable, reuse and disposal systems within the operator's responsibility.

(2) Submit all required reports in the manner required by the Department in rule 62-601.300 or 62-550.730 to the permittee or supplier of water.

(3) Report to the permittee or supplier of water and the Department and, if applicable, the local regulatory agency, as soon as possible, but within 24 hours following the discovery of any serious plant breakdown or condition causing or likely to cause:

(a) Unsafe treatment plant operation, or  
(b) Any discharge of water or wastewater not in accordance with chapters 62-550, 62-555, or the facility's permit, or

(c) Any major interruption in service.

(4) Maintain operation and maintenance logs for each plant, on site in a location accessible to 24-hour inspection, protected from weather damage, and current to the last operation and maintenance performed. The logs shall be maintained in hard bound books with consecutive page numbering, and shall contain a minimum of three months of data at all times. Alternative logs or partial electronic logging are acceptable if approved by the appropriate Department district office or the local regulatory agency. The logs shall contain:

(a) Identification of the plant;  
(b) The signature and license number of the operator and the signature of the persons making any entries;

(c) Date and time in and out;

(d) Specific operation and maintenance activities;

(e) Tests performed and samples taken, unless documented on a laboratory sheet, and any repairs made.

(f) Performance of preventive maintenance and repairs or requests for repair of the equipment.

Specific Authority 403.869 FS.

Law Implemented 403.865, 403.875(1)(a) FS.

History -- New 12-30-99.



State of Florida  
Department of Environmental Protection  
Southwest District  
**SANITARY SURVEY REPORT**

Plant Name PASCO COUNTY RESOURCE RECOVERY County PASCO PWS ID # 6515184  
Plant Location 14230 Hays Road, Spring Hill, FL 34610 Phone 727/856-2917  
Owner Name Convanta Pasco, Inc.-operator of facility Phone same  
Owner Address same as above  
Contact Person Viet Q. Ta Title Facility Engineer Phone 727/856-2917  
This Survey Date 8/7/01 Last Survey Date 3/29/01 Last C.I. Date 6/23/00

**PWS TYPE & CLASS**

- ☐ Community  
☒ Non-transient Non-community  
☐ Non-Community

**PWS STATUS**

- ☒ Approved system with approval number & date  
As-built 8/27/91 GPS AAC3528  
Plant category VD; plant capacity 7200 gpd  
☐ Unapproved system

**SERVICE AREA CHARACTERISTICS**

power plant/waste management facility  
\*Digital pictures on file  
Food Service: ☐ Yes ☐ No ☒ N/A

**OPERATION & MAINTENANCE**

Certified Operator: ☒ Yes ☐ No ☐ Not required  
Operator(s) & Certification Class-Number  
Viet Ta lic# D-7788  
Tim Slater D 8038 shift& Tony Long D 7916mt super  
O & M Log: ☒ Yes ☐ No ☐ Not required  
Operator Visitation Frequency  
Hrs/day: Required \_\_\_\_\_ Actual \_\_\_\_\_  
Days/wk: Required 2/week Actual 5  
Non-consecutive Days? ☒ Yes ☐ No ☐ N/A  
MORs submitted regularly? ☒ Yes ☐ No ☐ N/A  
Data missing from MORs? ☒ No ☐ Yes ☐ N/A

Number of Service Connections \*5  
Population Served 63 Basis \_\_\_\_\_  
Average Day (from MORs) 4023 gpd  
Max. Day (from MORs) 6500 gpd  
Max-day Design Capacity \_\_\_\_\_ gpd  
Comments \*adm blg;scale house;vehicle maint; wwtp  
plant design capacity-72,000 GPD  
Bruce Hartmier-chief Eng

COMET: SITE ID \_\_\_\_\_ PROJECT ID \_\_\_\_\_

**RAW WATER SOURCE**

- ☒ GROUND; Number of Wells one  
☐ SURFACE/UDI; Source \_\_\_\_\_  
☐ PURCHASED from PWS ID # \_\_\_\_\_  
☐ Emergency Water Source \_\_\_\_\_  
Emergency Water Capacity \_\_\_\_\_

**AUXILIARY POWER SOURCE**

☒ Yes ☐ None ☐ Not Required  
Source Kohler generator  
Capacity of Standby (kW) 100  
Switchover: ☐ Automatic ☒ Manual  
Standby Plan: ☐ Yes ☒ No  
Hrs Operated Under Load 2 hrs/wk.  
What equipment does it operate?  
☒ Well pumps \*see below  
☐ High Service Pumps N/A  
☐ Treatment Equipment operated by power plant  
Satisfy 1/2 max-day demand? ☒ Yes ☐ No ☐ Unk  
Comments The generator runs the potable well &  
production well for cooling tower

**TREATMENT PROCESSES IN USE**

chlorination & add poly phosphate  
What additional treatment is needed?  
For control of what deficiencies?

**DISTRIBUTION SYSTEM**

Flow Measuring Device Flow Meter  
Meter Size & Type 2 inch/mechanical  
Backflow Prevention Devices: ☒ Yes ☐ No  
Cross-connections \_\_\_\_\_  
Written Cross-connection Control Program: N/A  
Coliform Sampling Plan: ☐ Yes ☒ No ☐ N/A  
Comments 2"double check to demin  
\*Meter is located next to LMI

**GROUND WATER SOURCE**

Well Number	ONE	2(cool tower- makeup)		
Year Drilled	1989			
Depth Drilled	250 FT			
Drilling Method	ROTARY			
Type of Grout	CEMENT			
Static Water Level	7 FT			
Pumping Water Level	9 FT			
Design Well Yield	?			
Test Yield	98.9 GPM			
Actual Yield (if different than rated capacity)	50 FT			
Strainer	SCREEN			
Length (outside casing)	103 FT			
Diameter (outside casing)	10 INCH?			
Material (outside casing)	STEEL			
Well Contamination History	NONE			
Is inundation of well possible?	NO			
6' X 6' X 4" Concrete Pad	YES			
SET BACKS	Septic Tank			
	Reuse Water			
	WW Plumbing			
	Other Sanitary Hazard	LANDFILL		
PUMP	Type	SUBMERSIBLE		
	Manufacturer Name	JACUZZI		
	Model Number	15S67515		
	Rated Capacity (gpm)	80		
	Motor Horsepower	15 HP		
Well casing 12" above grade?	no			
Well Casing Sanitary Seal	YES			
Raw Water Sampling Tap	YES*			
Above Ground Check Valve	YES			
Fence/Housing	FENCE			
Well Vent Protection	na			

**COMMENTS** DIRECTIONS:Hwy 52 west; north onto Hays Rd; follow sign to Resource Recovery facility  
Well is located on property down the road, however, chlorination and tanks are inside office bldg.  
raw tap is threaded Well 2 is not for potable use



### CHLORINATION (Disinfection)

Type: ☐ Gas ☒ Hypo  
Make LMI Capacity 14 gpd  
Chlorine Feed Rate \_\_\_\_\_  
Avg. Amount of Cl<sub>2</sub> gas used N/A  
Chlorine Residuals: Plant \_\_\_\_\_ Remote .68  
Remote tap location office  
DPD Test Kit: ☒ On-site ☐ With operator  
☐ None ☐ Not Used Daily  
Injection Points prior to tank  
Booster Pump Info N/A  
Comments refill lid missing, screw/bulb in tank  
Chlorine equipment on 1st floor with storage tank.  
Hach spectrometer used in lab for residual tests.

Chlorine Gas Use Requirements	YES	NO	Comments
Dual System	<input type="checkbox"/>	<input type="checkbox"/>	N/A
Auto-switchover	<input type="checkbox"/>	<input type="checkbox"/>	
Alarms:			
Loss of Cl <sub>2</sub> capability	<input type="checkbox"/>	<input type="checkbox"/>	
Loss of Cl <sub>2</sub> residual	<input type="checkbox"/>	<input type="checkbox"/>	
Cl <sub>2</sub> leak detection	<input type="checkbox"/>	<input type="checkbox"/>	
Scale	<input type="checkbox"/>	<input type="checkbox"/>	
Chained Cylinders	<input type="checkbox"/>	<input type="checkbox"/>	
Reserve Supply	<input type="checkbox"/>	<input type="checkbox"/>	
Adequate Air-pak	<input type="checkbox"/>	<input type="checkbox"/>	
Sign of Leaks	<input type="checkbox"/>	<input type="checkbox"/>	
Fresh Ammonia	<input type="checkbox"/>	<input type="checkbox"/>	
Ventilation	<input type="checkbox"/>	<input type="checkbox"/>	
Room Lighting	<input type="checkbox"/>	<input type="checkbox"/>	
Warning Signs	<input type="checkbox"/>	<input type="checkbox"/>	
Repair Kits	<input type="checkbox"/>	<input type="checkbox"/>	
Fitted Wrench	<input type="checkbox"/>	<input type="checkbox"/>	
Housing/Protection	<input type="checkbox"/>	<input type="checkbox"/>	

### AERATION (Gases, Fe, & Mn Removal)

Type N/A Capacity \_\_\_\_\_  
Aerator Condition \_\_\_\_\_  
Bloodworm Presence \_\_\_\_\_  
Visible Algae Growth \_\_\_\_\_  
Protective Screen Condition \_\_\_\_\_  
Comments \_\_\_\_\_

### STORAGE FACILITIES

(G) Ground (H) Hydropneumatic (E) Elevated  
(B) Bladder (C) Clearwell

Tank Type/Number	E		
Capacity (gal)	1,700		
Material	STEEL		
Gravity Drain	Yes		
By-pass Piping	Yes		
Pressure Gauge	Yes		
Sight Glass or Level Indicator	Yes		
Fittings for Sight Glass	Yes		
Protected Openings	N/A		
PRV/ARV			
On/Off Pressure	Verify		
Access Padlocked	Yes		
Height to Bottom of Elevated Tank	na		
Height to Max. Water Level	na		

Comments Tank & chlorination on 1st floor

### HIGH SERVICE PUMPS

Pump Number	1	2	
Type			
Make			
Model			
Capacity (gpm)			
Motor HP	10	10	
Date Installed			
Maintenance			

Comments Two US Electric 10 HP motors observed

COMPLIANCE MONITORING NON-COMMUNITY PUBLIC WATER SYSTEMS					
CONTAMINANT	PWS Screen	# Samples Required & Sample Location	Frequency	Sample Date	Due Date
Microbiological (Bacte)	024	1 from each well & 2 distribution samples	monthly (>1000 persons)	Monthly	J
			quarterly (≤ 1000 persons)		
Nitrate & Nitrite (as N)	030	1 sample from POE*	annually	Now due!	12/31/01

MONITORING VIOLATIONS	MCL VIOLATIONS

\* POE = Point of Entry (Samples shall be taken at each entry point to the distribution system that is representative of each source after treatment.)

## DEFICIENCIES:

This sanitary survey was conducted with the assistance of Viet Ta.

Replace missing refill lid on chlorine solution tank to prevent entrance of debris/vermin. Noted a small bulb and screw in tank. Viet Ta spoke with maintenance while I was there.62-555.350

Ensure raw tap is smooth nosed to prevent usage with hose.

Recommend making a list of backflow devices and locations so it will be easier to prevent possible cross connections with industrial/reuse water. It would be desirable to develop a cross connection control plan with the maintenance department to ensure everyone is familiar with the potable and industrial water lines.

In order to update Department records you are asked to carefully review this report and correct any erroneous information and to please update the entries which have been identified as **unknown** or **verify**. Your cooperation in this request is appreciated.

**Reminder to collect and submit results for annual Nitrate/Nitrite prior to 12/31/01.**

Inspector \_\_\_\_\_ Title Env. Specialist II Date 8/13/01  
Approved by \_\_\_\_\_ Title Env. Supervisor II Date \_\_\_\_\_



## Pelz, Susan

---

**From:** Balcom, Ilia  
**Sent:** Friday, January 03, 2003 8:54 AM  
**To:** Pelz, Susan  
**Subject:** RE: Pasco RRF Multimedia inspection

Susan:

Letter looks good. For IW, just change the extension number from 406 to 404.

Thanks!

Ilia

-----Original Message-----

**From:** Pelz, Susan  
**Sent:** Thursday, January 02, 2003 4:42 PM  
**To:** Cox, Joe; Knauss, Beth; Balcom, Ilia; McCoy, Lindsay; Foster, Gerald; Ryland, Bill; Hilton, Jeff; Proses, Bill; Morris, John R.  
**Cc:** McKiernan, Cece; Toledo, Mercily  
**Subject:** Pasco RRF Multimedia inspection

It's been a long time since we went on this inspection.... I sincerely apologize for the terrible delay in getting this transmittal done..... I hope it has not inconvenienced anyone too much....there's no excuse....but it's done now (no crying over spilled milk... I'll take my lumps as they come....)

Please look at the attached letter that will transmit our inspection reports. Let me know if anything needs to be changed or updated.

Susan

<< File: PascoRRF.multimediacoverltr.01-02-03.doc >>

RECYCLED PAPER.  
MINIMUM 20% POST-CONSUMER  
FIBER CONTENT.  
Columbian® — 55 Clasp (6 x 9)



WEST PASCO MULTIMEDIA INSPECTION  
07/30/02 SJP

Photos







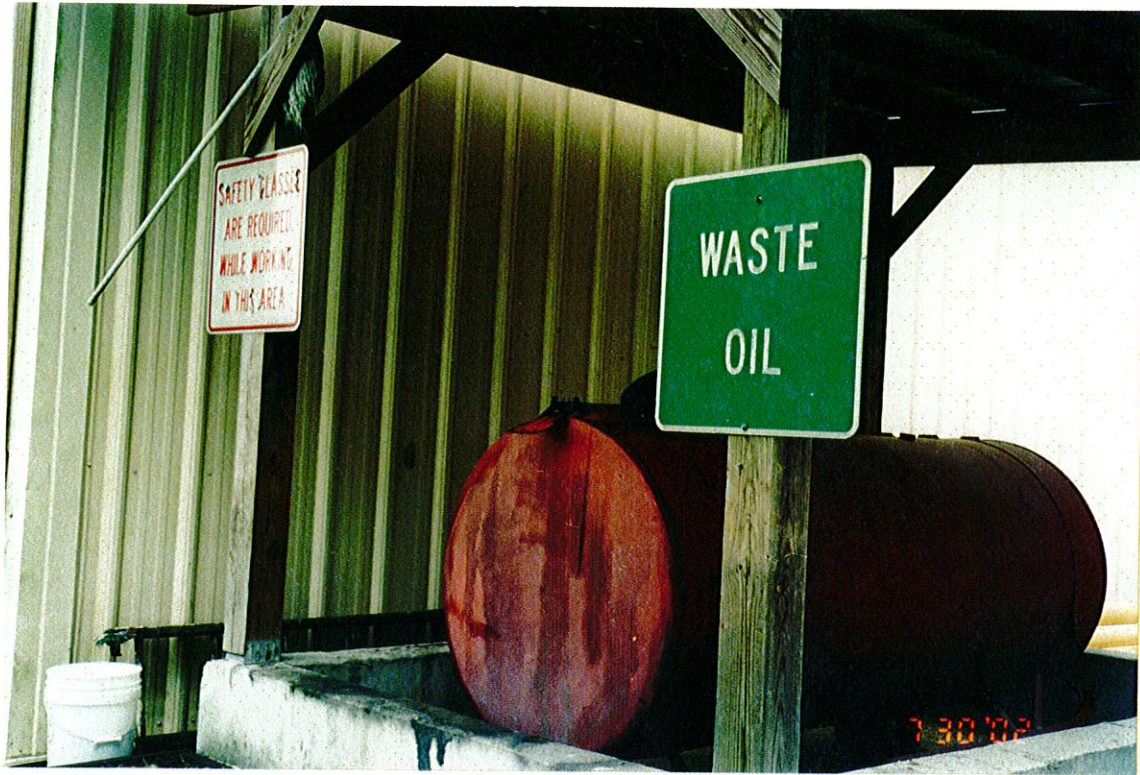




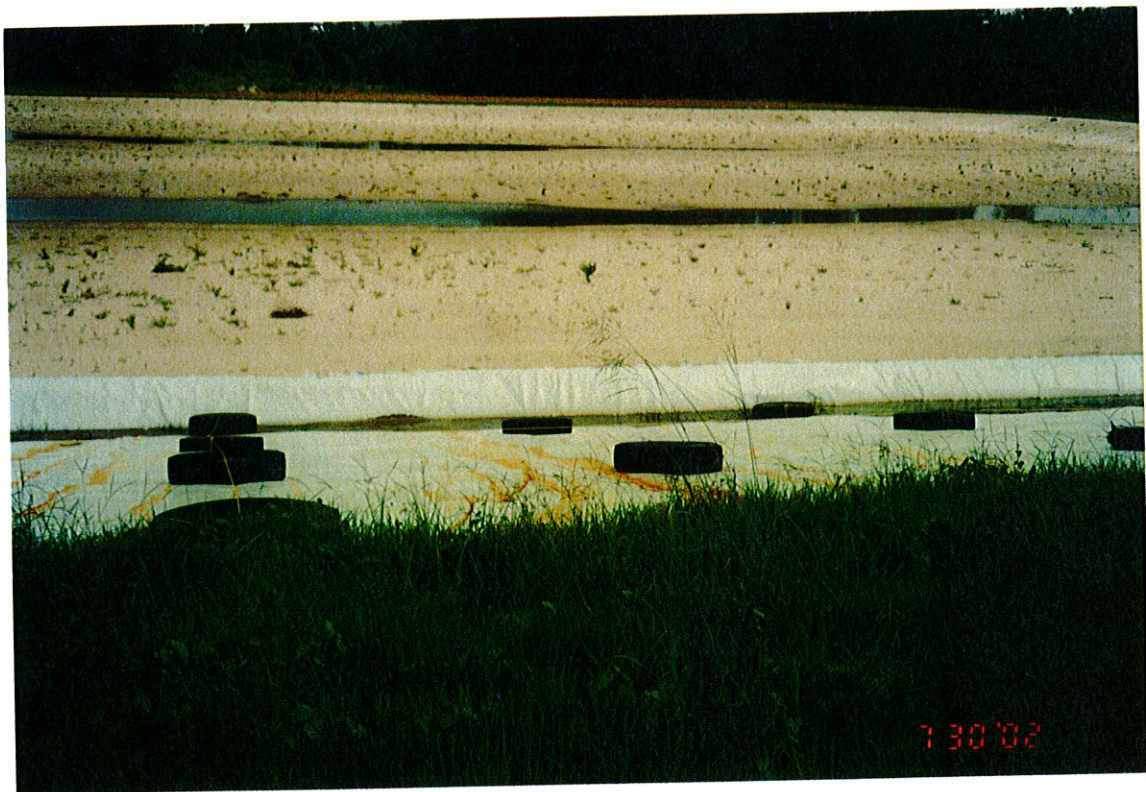












































## Pelz, Susan

---

**From:** Pelz, Susan  
**Sent:** Wednesday, September 11, 2002 9:33 AM  
**To:** Balcom, Ilia; McCoy, Lindsay; Toledo, Mercily; Cox, Joe; Proses, Bill; Hilton, Jeff; Kovach, Charles; Gucciardo, Tom; Foster, Gerald; Knauss, Beth  
**Cc:** Vorstadt, Bill; Cooper, Randy; Morgan, Steve; Culbreth, Laurel; Snipes, Ed  
**Subject:** Pasco RRF post meeting agenda

attached is a preliminary agenda for today's meeting... I anticipate that we will add to it in our discussions today. If I left anyone off the list that is planning on coming to the meeting, please forward it on to them.

Thanks,  
Susan



PascoRRF.postmee  
t.Agenda.09-11...

### Tracking:

Recipient	Read
Balcom, Ilia	Read: 9/11/2002 9:48 AM
McCoy, Lindsay	Read: 9/11/2002 9:43 AM
Toledo, Mercily	Read: 9/11/2002 9:34 AM
Cox, Joe	Read: 9/11/2002 9:06 PM
Proses, Bill	Read: 9/11/2002 9:33 AM
Hilton, Jeff	Read: 9/11/2002 10:57 AM
Kovach, Charles	Read: 9/11/2002 11:52 AM
Gucciardo, Tom	Read: 9/11/2002 9:33 AM
Foster, Gerald	Read: 9/11/2002 10:36 AM
Knauss, Beth	Read: 9/11/2002 11:52 AM
Vorstadt, Bill	Deleted: 10/3/2002 11:39 AM
Cooper, Randy	Deleted: 10/13/2002 1:44 AM
Morgan, Steve	Read: 9/11/2002 10:57 AM
Culbreth, Laurel	Read: 9/11/2002 12:56 PM
Snipes, Ed	Read: 9/11/2002 9:34 AM
Cleary, James	Read: 9/11/2002 4:46 PM
Getzoff, Deborah	Read: 9/11/2002 4:53 PM



# Multi-media Post-inspection Meeting

9/11/02, 1:00pm Conference Room A

## Pasco County Resource Recovery Facility

### I. Post-Inspection Meeting Participants:

Solid Waste – Susan Pelz, Lindsay McCoy

Air- Nancy Knight

IW- Ilia Herrera

PW- Gerald Foster

RCRA- Beth Knauss?

Tanks- none

ERP- none

DW- Tom Gucciardo, Ed Snipes

WSM- Mercily Toledo, Charles Kovac

### II. Evaluation Results:

#### ➤ **Solid Waste – minor out of compliance**

*Compliance issues:*

Class III landfill- jet ski and electric hedge trimmer in Class III

Class I landfill – leachate seeps (south side of SW-1) discharging to swale which was discharging to stormwater

HHW – spillage in paint & used oil collection/storage areas; corroded paint storage buildings

Citizen Drop-Off Center - fluorescent bulbs not stored or labeled properly; waste containers not marked

Special wastes – white goods not marked indicating freon removal; lawn mowers should be marked to indicate gasoline and oil has been removed

*Enforcement issues:* to be determined-

#### ➤ **Air** - Records checks and observations during the inspection indicate **substantial compliance** with the terms of the permit. The only excursions outside permit parameters were associated with upsets caused by lightning, ruptured boiler tubes, and similar factors beyond the control of the operators. Available data indicate that best operational practices were followed during these incidents. Therefore, this facility is deemed to be in compliance with the provisions of the Title V air operating permit.

*Compliance Issues:* none

*Enforcement issues:* none

#### ➤ **Industrial Waste – in compliance**

*Compliance issues:* none

*Enforcement issues:* none

*Discussion:* public works yard truck wash- does IW need to inspect? If so, will this be addressed separately?



- **PW**  
*Compliance issues:* cross-connection control plan needs to be developed and implemented; \_\_\_\_\_  
*Enforcement issues:*

- **RCRA**  
*Compliance issues:*  
*Enforcement issues:*

- **Tanks**  
*Compliance issues:*

*Enforcement issues:*

- **ERP**  
*Compliance issues:*

*Enforcement issues:*

- **Domestic Waste**  
*Compliance issues:*  
*Enforcement issues:*

- **Watershed Management**  
*Compliance issues:*  
*Enforcement issues:*

- III. **Post-inspection Discussion/Questions:**  
*Format of evaluation results transmittal letter:*  
*In-compliance letter?*  
*Non-compliance letter?*  
*WL?*

- IV. **Follow-up activities required**



**Pelz, Susan**

---

**From:** Ryland, Bill  
**Sent:** Wednesday, September 11, 2002 3:43 PM  
**To:** Pelz, Susan  
**Cc:** Foster, Gerald  
**Subject:** Pasco Resource Recovery Multi Media Inspection

Susan

Gerald informed me that you needed an item inserted in the inspection concerning the well serving a trailer and the cross connection control plan. Enclosed is a statement I have written. If you would like, I could put it in letter form and mail it to the system. I'm sorry if we mailed our inspection too soon. We are required to get our inspections written and out to the system within 10 days. I passed it through channels and it went out per usual policy. I hope it did not cause you any difficulties. I will be in contact with the Pasco County DOH about the remote well. It may be one of their systems as they sometimes have small systems that serve separate connections within one of our systems. To meet safe drinking water definitions for a DEP system it would need to serve 25 or more people 60 days out of the year or have 15 or more service connections. I will investigate the situation and get back with you. Thanks!



PASCO RESOURCE  
RECOVERY6515184..

Bill Ryland



ITEMS CONCERNING POTABLE WATER AT PASCO RESOURCE RECOVERY- PSW 6515184:  
A REMOTE WELL SITE SERVING A TRAILER WAS DISCOVERED DURING THE RECENT  
INSPECTION. PLEASE PROVIDE US DETAILS ABOUT THE WELL, THE NUMBER OF PEOPLE/  
SERVICE CONNECTIONS IT SERVES, AND IF THERE IS A CONNECTION TO THE OTHER  
EXISTING POTABLE SUPPLY. THE DEPARTMENT HAS RECEIVED YOUR CROSS  
CONNECTION CONTROL PLAN AND IT WILL BE REVIEWED AND A RESPONSE PROVIDED IN  
THE NEXT FEW WEEKS.



## Pelz, Susan

---

**From:** Knauss, Beth  
**Sent:** Wednesday, September 11, 2002 12:01 PM  
**To:** Pelz, Susan  
**Subject:** RE: Pasco RRF post meeting agenda

Please add the following to the RCRA portion of the agenda

### Compliance Issues

40 CFR 279.22(c) Label all tanks and containers of used oil with the words "used oil."

40 CFR 279.22(d) Repair the leaking secondary containment around the used oil collection center tanks. Clean up the used oil released to the environment; conduct confirmatory sampling to verify the cleanup.

### Enforcement Issues

Demonstrate return to compliance by December 1

-----Original Message-----

**From:** Pelz, Susan  
**Sent:** Wednesday, September 11, 2002 9:33 AM  
**To:** Balcom, Ilia; McCoy, Lindsay; Toledo, Mercily; Cox, Joe; Proses, Bill; Hilton, Jeff; Kovach, Charles; Gucciardo, Tom; Foster, Gerald; Knauss, Beth  
**Cc:** Vorstadt, Bill; Cooper, Randy; Morgan, Steve; Culbreth, Laurel; Snipes, Ed  
**Subject:** Pasco RRF post meeting agenda

attached is a preliminary agenda for today's meeting... I anticipate that we will add to it in our discussions today. If I left anyone off the list that is planning on coming to the meeting, please forward it on to them.

Thanks,  
Susan

<< File: PascoRRF.postmeet.Agenda.09-11-02.doc >>



**Pelz, Susan**

---

**From:** Balcom, Ilia  
**Sent:** Wednesday, September 11, 2002 1:40 PM  
**To:** Pelz, Susan  
**Cc:** Hilton, Jeff  
**Subject:** Language for Pasco Co. Resource facility NCL

Susan:

Please add this language to your letter for the IW program:

"Water from truck washing at the public works yard was being disposed at an on-site pond. This activity may require an Industrial Wastewater Permit. Please contact the Industrial Wastewater section at 813-744-6100 extension 406 to address this possible permit requirement."

Jeff, let me know if this is OK. Maybe we don't need to mention anything until we do a re-inspection. What do you think?

Thanks!

Ilia

Universal Waste Lamps were being collected in this area, and they should be kept in closed and labeled containers. It is not clear that this is a regulatory requirement, as these are household wastes. However, if commercial universal waste lamps are accepted, the facility must comply with 40 CFR 273 standards in this area.

Used oil is collected in labeled above ground tanks. These are not under roof, and spills in the area were noted. Secondary containment around the tanks was leaking and releasing oil behind the tanks. Failure to promptly clean up used oil releases is a violation of 40 CFR 279.22(d).

A container labeled "waste oil" was noted in the maintenance barn. The label should be changed to read "used oil" to comply with 40 CFR 279.22(c).

#### 9. SUMMARY OF ALLEGED VIOLATIONS:

- |                  |   |
|------------------|---|
| 40 CFR 279.22(c) | Failure to label a container of used oil with the words "used oil." |
| 40 CFR 279.22(d) | Failure to promptly clean up used oil released to the environment.  |

#### 10. RECOMMENDATIONS:

- |                  |   |
|------------------|---|
| 40 CFR 279.22(c) | Label all tanks and containers of used oil with the words "used oil."   |
| 40 CFR 279.22(d) | Repair the leaking secondary containment around the used oil collection center tanks. Clean up the used oil released to the environment; conduct confirmatory sampling to verify the cleanup. |

Report prepared by: Elizabeth Knauss Date 9/11/02  
Elizabeth Knauss  
Environmental Manager



# HIGHLAND AU

[illegible]

Source: Dataminter

WAFR Facilities

- ▲ NPDES (National) Facility
- ✳ State or Local Facility
- ▲ STCM Facilities
- PA Facilities
- ARMS Facilities
- STCM Facilities
- PWS Plants

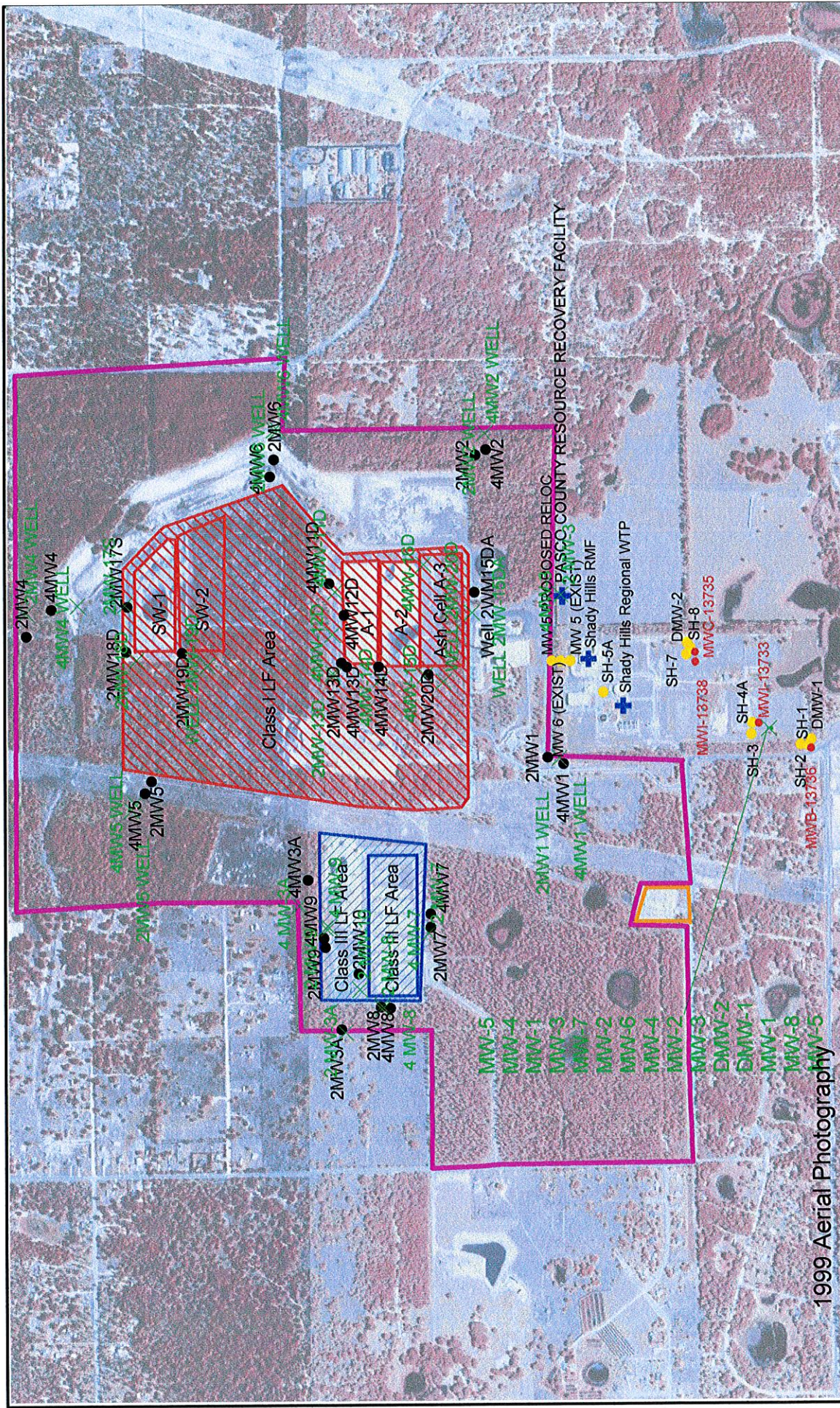


1:20000

Revised  
9/11/02

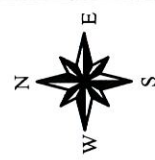
# Multimedia: Corporate DEP Databases Pasco Resource Recovery Plant





1999 Aerial Photography

- WAFR Sites
- FPC Property Boundary
- Shady Hills Monitoring Wells
- Facility Reference Point
- Pasco Resource Recovery Features
- Class I LF Area
- Class III LF Area
- Property Boundary
- Monitoring Wells
- WACS TEST SITES



1:20000

# Multimedia: Facility Features

## Pasco Resource Recovery Plant

### After Inspection



09/11/02



# Pasco Resource Recovery Data Miner

## WAFFR Facilities

Shape	PK_WAFFR FACILITY_NAME	ADDRESS CITY	ZIP5	ZIP4 STATUS	FEATURE	GIS_QA_MET	FACILITY_
Shape	12741 FLA01274 SHADY HILLS SUBREGIC	14220 HA\ PASCO COUNTY	34610	A	Front Gate	VISUAL QA WITH DW	
Shape	12726 FLA01272 SHADY HILLS RESIDUAL	14220 HA\ SPRING HILL	34610	A	Front Gate	VISUAL QA WITH RES	

## STCM Facilities

Shape	FACILITY_NAME	ADDRESS CITY	ZIP5	ZIP4 STATUS	OWNER	SITE_TYPE	USERNAM
Shape	9803933 SHADY HILLS POWER CC	14240 MEI SHADY HILLS	34610	OPEN	BRUCE LOBACH	Industrial plant	STCM
Shape	9401188 PASCO CNTY - SHADY H	14220 HA\ SPRING HILL	34610	OPEN		County Governmer	STCM
Shape	9200982 PASCO CNTY-WASTE TC	14230 HA\ SPRING HILL	34610	OPEN	ROBERT J SIGMOND	County Governmer	STCM
Shape	9103502 DUNCAN GENERAL STOI	215 SHEA HUDSON		CLOSED	DUNCAN GENERAL STORI	Retail Station	STCM
Shape	8840696 CIRCLE K #8541	10011 HAN HUDSON	34669	OPEN	CIRCLE K CORP	Retail Station	STCM

## PA Facilities

Shape	PK_PROJ SITE_ID	SITE_NAME	ZIP5	ZIP4 STATUS	OWNER	SITE_TYPE	USERNAM
Shape	86777	26255 PASCO CO. RESOURCE	114220 HA\ SPRING HILL	20070419	WEST PASCO CLASS III L\ PASCO COUNTY	PA	
Shape	25658	26257 SHADY HILLS WWTP FLA	HAYS RO\ PASCO COUNTY	20000201	THE RESERVE @ GOLDEI WEST PASCO	PF PA	
Shape	21028	26257 SHADY HILLS WWTP FLA	HAYS RO\ PASCO COUNTY	19990630	7-ELEVEN STORE #32297	AVID ENGINEER	PA
Shape	68248	26257 SHADY HILLS WWTP FLA	HAYS RO\ PASCO COUNTY	20010701	REUSCHEL PLAZA	SRI INC.	PA
Shape	24331	26257 SHADY HILLS WWTP FLA	HAYS RO\ PASCO COUNTY		REUSCHEL PLAZA		PA
Shape	25590	26257 SHADY HILLS WWTP FLA	HAYS RO\ PASCO COUNTY	19990831	IMPERIAL OAKS MHP	IMPERIAL OAKS	PA
Shape	101133	126935 PASCO CO. WEST PASC		20070128	PASCO WASTE TIRE FACI	PASCO COUNTY	PA
Shape	25786	130423 PASCO CO RRF LEACHA	14220 HA\ SPRING HILL	20030625	PASCO LEACHATE TREAT CDM		PA
Shape	65929	168627 IPS AVON PARK CORP./S	C/O ALEX TAMPA	20050602	IPS AVON PARK CORPOR, GOLDER ASSOCI	PA	
Shape	78122	168627 IPS AVON PARK CORP./S	C/O ALEX TAMPA	20051106	SHADY HILLS POWER CO GOLDER ASSOCI	PA	
Shape					ZIP4 EXPIR_DA PROJ_NAME	COMPANY	PROG_AR

## ARMS Facilities

Shape	AIRS_ID	NAME	STREET CITY	ZIP_5	ZIP_ STATUS	OWNER	USERNAME
Shape	1010056	PASCO COUNTY RESOU	14230 HA\ SPRING HILL	34610	ACTIVE	PASCO COUNTY	EAOR

## PWS Facilities

PWS_ID	PWS_NAME	PWS_CITY	PWS_STATUS
6515184	Pasco Resource Recovery	Shady Hills	Active
6514906	SHADY HILLS PARK	SHADY HILLS	ACTIVE

## CHAZ Facilities

Shape	HANDLER SITE	NAME	ADDRESS CITY	ZIP5	ZIP4	USERNAME
Shape	FLR00005	148589 HIGHLAND AUTO	16130 SH\ SHADY HILLS	34610		HERRING_V



## Multi-media Post-inspection Meeting

9/11/02, 1:00pm Conference Room A

### Pasco County Resource Recovery Facility

#### I. Post-Inspection Meeting Participants:

Solid Waste – Susan Pelz, Lindsay McCoy  
Air- Nancy Knight  
IW- Ilia Herrera  
PW- Gerald Foster  
RCRA- Beth Knauss  
Tanks- none  
ERP- none  
DW- Tom Gucciardo, Ed Snipes  
WSM- Mercily Toledo, Charles Kovac

John Gallagher, County Advisor  
Dag Brumlett  
Viet Ta, County  
Joe Miller, County  
John Power

#### II. Evaluation Results:

##### ➤ **Solid Waste – minor out of compliance**

*Compliance issues:*

Class III landfill- jet ski and electric hedge trimmer in Class III

Class I landfill – leachate seeps (south side of SW-1) discharging to swale which was discharging to stormwater

HHW – spillage in paint & used oil collection/storage areas; corroded paint storage buildings

Citizen Drop-Off Center - fluorescent bulbs not stored or labeled properly; waste containers not marked

Special wastes – white goods not marked indicating freon removal; lawn mowers should be marked to indicate gasoline and oil has been removed

*Enforcement issues:* to be determined-

##### ➤ **Air** - Records checks and observations during the inspection indicate **substantial compliance** with the terms of the permit. The only excursions outside permit parameters were associated with upsets caused by lightning, ruptured boiler tubes, and similar factors beyond the control of the operators. Available data indicate that best operational practices were followed during these incidents. Therefore, this facility is deemed to be in compliance with the provisions of the Title V air operating permit.

*Compliance Issues:* none

*Enforcement issues:* none

##### ➤ **Industrial Waste – in compliance**

*Compliance issues:* none

*Enforcement issues:* none

*Discussion:* public works yard truck wash- does IW need to inspect? If so, will this be addressed separately?

SW- coordinate w/ IW  
will do Follow-up inspection  
forward Roads Bridge contact



- Don't Broom it* *Road & Bridge well - DOH?*
- **PW** - *IN COMPLIANCE*  
*Compliance issues:* cross-connection control plan needs to be developed and implemented; \_\_\_\_\_  
*Enforcement issues:*

- **RCRA**  
*Compliance issues:*  
40 CFR 279.22(c) Label all tanks and containers of used oil with the words "used oil."  
40 CFR 279.22(d) Repair the leaking secondary containment around the used oil collection center tanks. Clean up the used oil released to the environment; conduct confirmatory sampling to verify the cleanup.

*No  
WL*

*Enforcement issues:* Demonstrate return to compliance by December 1

- **Tanks**  
*Compliance issues:*

*Enforcement issues:*

- **ERP**  
*Compliance issues:*

*Enforcement issues:*

- **Domestic Waste**  
*Compliance issues:*  
*Enforcement issues:*

- **Watershed Management**  
*Compliance issues:*  
*Enforcement issues:*

- III. **Post-inspection Discussion/Questions:**  
*Format of evaluation results transmittal letter:*  
*In-compliance letter?*  
*Non-compliance letter?*  
*WL?*

- IV. **Follow-up activities required**



# Multi-media Post-inspection Meeting

9/11/02, 1:00pm Conference Room A

## Pasco County Resource Recovery Facility

### I. Post-Inspection Meeting Participants:

Solid Waste – Susan Pelz, Lindsay McCoy

Air- Nancy Knight

IW- Ilia Herrera

PW- Gerald Foster

RCRA- Beth Knauss?

Tanks- none

ERP- none

DW- Tom Gucciardo, Ed Snipes

WSM- Mercily Toledo, Charles Kovac

### II. Evaluation Results:

#### ➤ **Solid Waste – minor out of compliance**

*Compliance issues:*

Class III landfill- jet ski and electric hedge trimmer in Class III

Class I landfill – leachate seeps (south side of SW-1) discharging to swale which was discharging to stormwater

HHW – spillage in paint & used oil collection/storage areas; corroded paint storage buildings

Citizen Drop-Off Center - fluorescent bulbs not stored or labeled properly; waste containers not marked

Special wastes – white goods not marked indicating freon removal; lawn mowers should be marked to indicate gasoline and oil has been removed

*Enforcement issues:* to be determined-

#### ➤ **Air - Records checks and observations during the inspection indicate **substantial compliance** with the terms of the permit. The only excursions outside permit parameters were associated with upsets caused by lightning, ruptured boiler tubes, and similar factors beyond the control of the operators. Available data indicate that best operational practices were followed during these incidents. Therefore, this facility is deemed to be in compliance with the provisions of the Title V air operating permit.**

*Compliance Issues:* none

*Enforcement issues:* none

#### ➤ **Industrial Waste – in compliance**

*Compliance issues:* none

*Enforcement issues:* none

*Discussion:* public works yard truck wash- does IW need to inspect? If so, will this be addressed separately?



- **PW**  
*Compliance issues:* cross-connection control plan needs to be developed and implemented; \_\_\_\_\_  
*Enforcement issues:*

- **RCRA**  
*Compliance issues:*  
*Enforcement issues:*

- **Tanks**  
*Compliance issues:*

*Enforcement issues:*

- **ERP**  
*Compliance issues:*

*Enforcement issues:*

- **Domestic Waste**  
*Compliance issues:*  
*Enforcement issues:*

- **Watershed Management**  
*Compliance issues:*  
*Enforcement issues:*

- III. Post-inspection Discussion/Questions:**  
*Format of evaluation results transmittal letter:*  
*In-compliance letter?*  
*Non-compliance letter?*  
*WL?*

- IV. Follow-up activities required**



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SOLID WASTE MANAGEMENT FACILITY  
INSPECTION CHECKLIST

Facility Name: West Pasco Resource Recovery Facility

WACS No. \_\_\_\_\_ GMS I.D. Number (if available): \_\_\_\_\_

Inspection Date: 07/30/02 Permit No.: PA87-23 (CL1) 126435-001-WT Expiration Date: \_\_\_\_\_

Facility Address: 14606 Hays Road

City: Spring Hill County: Pasco Zip: \_\_\_\_\_

Permittee or Operating Authority: Pasco County Utilities

Telephone Number (Permittee or Operating Authority): 727-856-0119

Inspection Participants (Include ALL Landfill and Department Employees Specifying Titles):

Principal Inspector: SUSAN PELZ, LINDSAY MCCOY, JOHN MORRIS

Other Participants: JEFF HILTON, SHANNON GUNNE, BETH KNAUSS, JOE COX (FDEP); JOHN POWER, RON WALKER (PASCO CO.); JASON GORNI (CDM); VIET TA (CONVANTA)

TYPE OF FACILITY (check all that apply):

Landfill:	C&D Facility:	Waste Processing Facility:	Other Facilities:
<input checked="" type="checkbox"/> Class I	<input type="checkbox"/> Disposal	<input type="checkbox"/> Transfer Station	<input type="checkbox"/> Composting
<input type="checkbox"/> Class II	<input type="checkbox"/> Disposal w/Recycling	<input type="checkbox"/> C&D Recycling	<input type="checkbox"/> WTE Facility
<input checked="" type="checkbox"/> Class III	<input type="checkbox"/> Land Clearing	<input type="checkbox"/> Class III MRF	<input type="checkbox"/> Incinerator/Trench Burner
		<input type="checkbox"/> MSW MRF	<input type="checkbox"/> Unauthorized Disposal
		<input type="checkbox"/> Pulverizer/Shredder	<input checked="" type="checkbox"/> Other <u>WTPF</u>
		<input type="checkbox"/> Compactor/Baling	
		<input type="checkbox"/> Other _____	

TYPE OF INSPECTION (check all that apply):

<input type="checkbox"/> Construction Completion	<input type="checkbox"/> Complaint Investigation	<input type="checkbox"/> Other _____
<input checked="" type="checkbox"/> Operation	<input type="checkbox"/> Routine Inspection	
<input type="checkbox"/> Closure	<input type="checkbox"/> Reinspection	
<input type="checkbox"/> Long-Term Care	<input type="checkbox"/> Facility File Review	

REQUIREMENTS:

THE REQUIREMENTS LISTED IN THIS INSPECTION CHECKLIST ARE BASED UPON RULES OF THE FLORIDA ADMINISTRATIVE CODE. A "NO" RESPONSE TO A REQUIREMENT (UNLESS OTHERWISE NOTED) REFLECTS A VIOLATION OF THE CORRESPONDING DEPARTMENT RULE(S). EACH VIOLATION IS DISCUSSED IN THE NARRATIVE SECTION OF THIS REPORT.

I. SOLID WASTE PROHIBITIONS (unless "grandfathered" in, see 62-701.300(16))	YES	NO	Unk	N/A
1. Unauthorized disposal/storage prohibited in areas lacking geological support? 62-701.300(2)(a)	✓			
2. Unauthorized disposal/storage prohibited, except yard trash, within 500' of a potable water well? 62-701.300(2)(b)	✓			
3. Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls? 62-701.300(2)(c)	✓			
4. Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(d)	✓			
5. Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(e)	✓			



I. SOLID WASTE PROHIBITIONS (CONTINUED)		YES	NO	Unk	N/A
6.	Unauthorized disposal/storage prohibited, except yard trash, within 200' of any natural or artificial body of water, including wetlands without permanent leachate controls, except impoundments or conveyances which are part of an on-site, permitted stormwater management system or on-site water bodies with no off-site discharge? 62-701.300(2)(f)				
7.	Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(g)				
8.	Unauthorized disposal/storage prohibited, except yard trash, within 1000' of a potable water well serving a community water system? 62-701.300(2)(h)				
9.	Is open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)				
10.	Is hazardous waste disposal prohibited? 62-701.300(4)				
11.	Is PCB disposal prohibited except in accordance with Department requirements? 62-701.300(5)				
12.	Unless specifically authorized, is the known disposal of untreated biomedical waste prohibited? 62-701.300(6)				
13.	Is lead-acid battery disposal prohibited? 62-701.300(8)(a)				
14.	Is yard trash disposal prohibited in lined landfills? 62-701.300(8)(c)				
15.	Is the disposal of white goods prohibited? 62-701.300(8)(d)				
16.	Is whole waste tire disposal prohibited except in accordance with Department requirements? 62-701.300(8)(e)				
17.	Is the known disposal of lead-acid batteries, mercury-containing devices, or spent mercury-containing lamps in waste-to-energy facilities prohibited? 62-701.300(9)				
18.	Is the facility in compliance with the liquid restrictions on disposal? 62-701.300(10)				
19.	Is the disposal of used oil or used oil mixed with wastes prohibited in landfills with the exception of: (1) oily wastes, sorbents or other materials used for maintenance or to clean up spills, leaks or accidental releases of used oil; and (2) soils contaminated with used oil from spills and accidental releases? 62-701.300(11) and 62-701.300(8)(b)				
20.	Is the unauthorized storage/disposal of yard trash prohibited within the minimum setbacks for potable water wells (except on-site), water bodies and community water supply wells? 62-701.300(12)				
21.	Is the storage of solid waste in an approved tank prohibited within 500 feet of any existing community water supply well or within 100 of any other existing potable water supply well? 62-701.300(13)				
22.	Is the facility exempted from the prohibitions because of indoor storage in an area with an impervious surface and leachate collection system? 62-701.300(14)				
23.	Is the facility exempted from the prohibitions because of storage in a vehicle that is enclosed or covered and the vehicle has been unloaded or moved over public highways within the previous seven days? 62-701.300(15)				

II. CLASS I, II & III LANDFILLS		YES	NO	Unk	N/A
A. CONSTRUCTION VERIFICATION					
1.	Subgrade or foundation adequately prepared? 62-701.400(3)(a)2				
2.	Liner construction/installation according to plans? 62-701.400(3)				
3.	Leachate collection and removal system installed according to plans? 62-701.400(4)				
4.	Disposal units constructed at planned intervals? 62-701.400(2)				
5.	Gas management system installed according to plans (if currently required)? 62-701.530(3) & (4)				
6.	Soil monitoring probes (for monitoring combustible gases) installed along property boundaries as needed? 62-701.530(2)(b)				
7.	Surface water management system construction according to plans? 62-701.400(9)				
8.	Ground water monitoring system constructed according to approved plan? 62-701.510(2)				
9.	Leachate storage constructed according to plans? 62-701.400(6)				
10.	Liner quality assurance plan followed? 62-701.400(7)				
B. OPERATION AND MAINTENANCE					
11.	Trained operator on-site at Class I and III landfills during operation? 62-701.500(1)	✓			
12.	At least one spotter at each working face during operation at Class I and III ? 62-701.500(1)	✓			



II. CLASS I, II & III LANDFILLS (CONTINUED)		YES	NO	Unk	N/A
B. OPERATION AND MAINTENANCE (CONTINUED)					
13.	Is the training plan maintained and available on-site and is it being followed properly? 62-701.320(15)(a)			✓	
14.	Are training records maintained and available on-site at the facility? 62-701.320(15)(a)			✓	
15.	Approved operating plan and permit, operating and waste records maintained? 62-701.500(2), (3), (4), (8)(f), (8)(g), (13)			✓	
16.	Is the operation plan substantially complied with at all times and revised as needed? 62-701.500(2)		✓		
17.	Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)	✓			
18.	Method and sequence of filling waste according to plans? 62-701.500(2)(f)	✓			
19.	Is access properly controlled to prevent unauthorized waste disposal? 62-701.500(5)	✓			
20.	Load checking program implemented? 62-701.500(6)			✓	
21.	Waste compaction as required? 62-701.500(7)(a)	✓			
22.	Working face and side grades above ground sloped no greater than 3 ft. horizontal to 1 ft. vertical rise? 62-701.500(7)(c)	✓			
23.	Is a narrow working face practiced? 62-701.500(7)(d)	✓			
24.	Are only permitted waste types disposed at facility? 62-701.340(3), 62-701.500(6)(a)&(2)(c)		✓		
25.	Is an adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(3)(e)4, 62-701.530(1)(a)	✓			
26.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)	✓			
27.	Initial cover adequate to control birds, blowing wastes, disease vectors or fires? 62-701.500(7)(e)	✓			
28.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)	✓			
29.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)	✓			
30.	Litter controlled and litter control devices maintained? 62-701.500(7)(i) and (11)(f)	✓			
31.	Adequate erosion control? 62-701.500(7)(j)				
32.	Is leachate sampled and tested as required? 62-701.500(8)(a) & 62-510(6)(c)	✓			
33.	Leachate collection and removal system maintained and cleaned as required? 62-701.500(2)(j), 62-701.500(8)(b) & (h)	✓			
34.	Leachate disposed of or treated as required? 62-701.500(8)(b), (c) and (d)	✓			
35.	If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5)	✓			
36.	Gas monitoring according to permit? 62-701.500(9) & 62-701.530(2)	✓			
37.	Gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)	✓			
38.	Gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)	✓			
39.	Gas pressures not interfering with or causing failure of the liner or leachate control system? 62-701.530(1)(a)4.	✓			
40.	Gas vents intact and functioning properly? 62-701.500(9) & 62-701.530(1)(a)3.	✓			
41.	Mixing of leachate and stormwater prevented or minimized? 62-701.500(10) & 62-701.400(9)(c)		✓		
42.	Peak discharge stormwater run-on to unclosed portions of the landfill prevented as required? 62-701.500(10), 62-701.400(9)(b)	✓			
43.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)	✓			
44.	Sufficient operating equipment? 62-701.500(11)(a)	✓			
45.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)	✓			
46.	Adequate communication facilities? 62-701.500(11)(c)	✓			
47.	Adequate approved dust control methods? 62-701.500(11)(d)	✓			
48.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(e)	✓			
49.	Required signs for operational directions and public information? 62-701.500(11)(g)	✓			
50.	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)	✓			
51.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(9)	✓			
52.	Water quality sampling and testing according to standard procedures and at required frequencies? 62-701.510(2)	✓			
53.	Is there proper control, management or disposal of special wastes? 62-701.520	✓			
54.	Are all specific conditions in the permit being followed? 62-701.320(1)		✓		



## VI. NARRATIVE

*Explanation for all "NO" responses and other comments*

### II. B.

# 24. Department personnel inspected the Class III Landfill. The working face appeared small and there were no loads being dumped during the time of our inspection. While inspecting the waste stream, Department personnel observed a jet ski and a plug in hedge trimmer. The Department does not view this as acceptable Class III waste.

# 41. During the inspection of the Class I Landfill, Department personnel noted leachate seeping out of the south side of SW-1, down the white rain cell cover, and into the ditch which discharges to the stormwater system. In order to prevent leachate from entering the stormwater system, the south slope, above the rain cell cover, of SW-1 needs to be re-graded and vegetated. Department personnel also noted ponded water on top of cell SW-1. This area also needs to be re-graded to prevent future ponding from occurring.

# 16 & #54. Specific Condition #7 refers to compliance with the Landfill Operations Plan. The above mentioned "NO" responses pertain to section 2.a., Operation, Controlling Types of Waste Received at the Landfill, of the Class III operations plan and section 2.8, Operations of Gas, Leachate, and Stormwater Control, of the Class I operations plan.

During the site visit, Department personnel inspected the tipping floor for the Waste-to-Energy plant where a truck was observed unloading waste. The tipping floor appeared to be in good condition.

While inspecting the citizen drop off center, Department personnel noted that signs were not posted to identify the containers. The Department recommends that signs be posted to designate the waste in each of the roll-off containers in order to eliminate any possible confusion residents may have during busier times. Department personnel also noted the fluorescent light bulbs were not stored in a sealed, waterproof container with proper labeling.

No problems were noted during the inspection of the leachate treatment plant and leachate holding tank.

The waste tire storage area appeared to be in compliance. The pile did not appear to be higher than 15 feet or wider than 50 feet.

The Department had concerns regarding the containment area where the used oil and oil filters were being stored in the Household Hazardous Waste area. Used oil appeared to be seeping out of one of the drums. The spills noted in this area need to be addressed and the opening in the containment wall needs to be sealed off to prevent any potential liquids from escaping the containment area. The Department also noted that the "Contaminated Motor Oil" tank label was illegible and needs to be re-labeled. The storage shed designated for "Paint Only" showed signs of corrosion and needs to be repaired. Department personnel also documented several areas where spillage has occurred around the paint storage area. This area has no containment around the storage sheds. This allows potential runoff of liquid wastes into the stormwater system when spills occur.

White goods are placed in an area separate from the metal scrap pile until freon has been extracted. It did not appear as if any of the white goods observed during the time of our inspection had been marked confirming that the freon had been removed prior to being mixed into the scrap metal pile. The Department recommends that every lawnmower also be marked after all liquids, if any, are extracted and prior to placement in the metal scrap pile, to reduce any potential for discharges to the environment of any residuals.

The working face for the Class III Landfill appeared small and there were no loads being dumped during the time of our inspection. While inspecting the waste stream, Department personnel observed a jet ski and an electric hedge trimmer. The Department does not view this as acceptable Class III waste.

During the inspection, Department personnel discovered a small pond filled with wash down water where Road & Bridge employees were cleaning their vehicles. The Department has not provided any authorization for this particular activity. The truck washing operation must cease immediately, and the Department's Industrial Wastewater Section should be contacted to determine permitting requirements.

The Department visited the Recovered Materials Processing Facility (RMPF). The RMPF is exempt from solid waste permitting. The RMPF appeared to be in good condition.

Records were not reviewed during the inspection due to time constraints. These records will be reviewed at the next scheduled inspection.




Please respond to the deficiencies noted above within 15 days of the date mailed. If you have any further questions or comments, please contact either Susan Pelz at (813) 744-6100 ext. 386 or myself at ext. 374.

Sincerely,

A handwritten signature in cursive script that reads "Lindsay L McCoy".

Lindsay McCoy, E.S.I, Solid Waste Section

cc:  Susan Pelz, FDEP

EASIIR FINAL INSPECTION REPORT  
TITLE V AIR POLLUTION EMISSION SOURCES

[Help](#)

<b>FACILITY:</b>		<b>AIRS ID #:</b>
PASCO COUNTY RESOURCE RECOVERY FACILITY		1010056
<b>OWNER/COMPANY NAME:</b>		<b>COUNTY:</b>
PASCO COUNTY		PASCO
<b>SITE ADDRESS:</b>	<b>INSPECTION DATE:</b>	<b>ACTIVITY CODE:</b>
14230 HAYS ROAD	7/30/02	INS2
<b>PERMIT NUMBERS AND EXPIRATION DATES: (enter manually if desired)</b>		

**SECTION I: FACILITY CONTACT INFORMATION**

<b>CONTACT'S NAME:</b>		<b>TITLE:</b>
<b>PHONE:</b>	7/30/02	
Bruce Hartmier	Chief Engineer	7278562917

**SECTION II: FACILITY-WIDE CONDITIONS (STATUS AND COMMENTS)**

<b>OBJECTIONABLE ODORS:</b>	<input type="checkbox"/> IN
<b>PM AND VE:</b>	<input type="checkbox"/> IN
<b>UNREGULATED EUs:</b>	<input type="checkbox"/> IN
<b>INSIGNIFICANT EUs:</b>	<input type="checkbox"/> IN
<b>VOCs &amp; ORGANIC SOLVENTS:</b>	<input type="checkbox"/> IN
<b>OTHER NON-EU REQUIREMENTS:</b>	<input type="checkbox"/> IN
<b>FACILITY-WIDE COMPLIANCE CONDITION</b>	<input type="checkbox"/> IN as of: 7/31/02

**SECTION III: REGULATED EU CONDITIONS**

<b>GROUPING:</b>	<input type="text"/>	<b>E.U.:</b> 1 - Municipal waste Combustor Unit #1
<b>Compliance</b>	<input type="checkbox"/>	<b>Arms</b> <input type="checkbox"/>



Status:

☒ IN

Status:

☒ A

NONCOMPLIANCE:

OTHER EU

COMMENTS:

GROUPING:

☐

E.U.: 2 - Municipal Waste Combustor Unit #2

Compliance

Status:

☒ IN

Arms

Status:

☒ A

NONCOMPLIANCE:

OTHER EU

COMMENTS:

GROUPING:

☐

E.U.: 3 - Municipal Waste Combustor Unit #3

Compliance

Status:

☒ IN

Arms

Status:

☒ A

NONCOMPLIANCE:

OTHER EU

COMMENTS:

GROUPING:

☐

E.U.: 4 - Storage Silo for Activated Carbon

Compliance

Status:

☒ IN

Arms

Status:

☒ A

NONCOMPLIANCE:

OTHER EU

COMMENTS:

No problems noted during the inspection. The automatic feed system was experiencing problems from a lightning strike the previous evening; but the silo was operating properly and the plant was feeding unit 1 in the manual mode.

GROUPING:

☐

E.U.: 5 - Leachate Treatment Facility

Compliance

Status:

☒ IN

Arms

Status:

☒ A

NONCOMPLIANCE:

OTHER EU

COMMENTS:

No apparent problems during the inspection.

GROUPING:

☐

E.U.: 7 - Fugitive Landfill Gas Emissions

Compliance

Status:

☒ IN

Arms

Status:

☒ A

NONCOMPLIANCE:

No problems with fugitive dust or odors. No complaints against

**OTHER EU  
COMMENTS:**

this facility. The landfill emissions are far below the 50 Mg/hr threshold, so a gas collection system is not required.

**GROUPING:****E.U.:** 8 - Ash Building and Handling System**Compliance  
Status:****Arms  
Status:****NONCOMPLIANCE:****OTHER EU  
COMMENTS:**

No apparent problems during inspection.

**SECTION IV: OTHER COMMENTS/RECOMMENDATIONS**

Records checks and observations during the inspection indicate substantial compliance with the terms of the permit. The only excursions outside permit parameters were associated with upsets caused by lightning, ruptured boiler tubes, and similar factors beyond the control of the operators. Available data indicate that best operational practices were followed during these incidents. Therefore, this facility is deemed to be in compliance with the provisions of the Title V air operating permit.

**INSPECTOR'S NAME:  
PHONE:****INSPECTOR'S OFFICE:**

7/30/02

Joseph H. Cox

SWD

8137446100129

**OVERALL COMPLIANCE STATUS****SIGNATURE(S):****DATE:**Printed *Thursday, August 1, 2002*



5/1/02

## Bridgeway Multimedia

- AM 905am pre insp. brief
- purpose, process
- presentation by County -

TECO -

Mike Penkin, Preston Moore, Mark Hornick, Shelley  
Joe O'Neil

Cedar Trail 1<sup>st</sup> S '02 routine monitoring  
2 wks

## Pasco RRF Multimedia

7/30/02

- \* 2<sup>nd</sup> wk of Aug  
second review - will come back in next couple wks
- 1050 Tpd Btu higher than orig. expected  $\approx$  5000 Btu/lb

ash - total metals quarterly reported ~~annually~~

Time Added @ grizzly

HHW - battery & paint corroded parts in back  
retrain 2<sup>o</sup> containment around used oil  
cleanup releases, seal containment  
re-label "used oil"

fluorescent bulbs - closed, labelled containers  
Waste Analysis Plan & disposal  $\Rightarrow$  parts washer  
waste bagged & thrown

Pasco cont'd

Equipment wash areas - road & bridge  
& maintenance bldg

HHW - lawn mowers - mowed after checked

Class III - jet ski, hedge trimmer, empty bleach

~~Class~~ A1, A2 -

SW-1 - leachate seeps south side, discharging to  
stormwater; minor erosion



7/30/02

## WEST PASCO MULTI-MEDIA INSPECTIONS

VIET TA  
JOHN POWER  
RON WALKER  
JASON GONKE  
SUSAN  
LINDSAY  
JEFF HUTTON  
SHANNON GUNDE  
JOE HILTON  
BETH ENROSS

- 1050 TON/DAY DESIGN
- BTU VALUE OF FUEL IS INCREASING OVER TIME (MORE PLASTICS)
- DOLOMITE LINE ASH ADDED TO ASH AT FINGER SCREEN
- QUARTERLY TOTALS METAL TESTING IS REPORTED ANNUALLY
- COOLING TOWER BLOW-DOWN GOES BACK TO SHADI HILLS WWTP
- QUENCH WATER GOES OUT TO LANDFILL W/ ASH
- BOILER WATER TREATED BY DEMINERALIZATION; WASTEWATER IS USED FOR ASH QUENCH
- RESIN BEDS REPLACED BY VENDOR / CHEM-TREAT
- MAINTENANCE BUILDING USED FOR WAREHOUSE SPACE; NO VEHICLE MAINTENANCE CONDUCTED AT FACILITY
- MAINTENANCE OUTAGES EVERY 6-MONTHS
- DE-SCALING OF COOLING TUBES? - MECHANICAL ON CONDENSOR TUBES OF PIG
  - NONE CONDUCTED ON BOILER TUBES
- LEACHATE FROM SW-1/SW-2 & CURS III LF WILL GO TO SHADI HILLS WWTP
- LEACHATE FROM A-1/A-2/A-3 GOES TO LEACHATE TREATMENT FACILITY
- 15,000 TONS DIVERTED TO SW-1 DURING LAST MONTH DUE TO PLANT OUTAGES



4MW-3  
lat/long for  
site → WRN



7/30/02

## WEST PASCO LANDFILL MULTI-MEDIA INSPECTION

CLASS III LF WELLS / CLASS I LF WELLS

IGNORE	002	2 MW-9	28	22	08.4	82	33	46.0	IGNORE
IGNORE	003	4 MW-9	SAME AS ABOVE						IGNORE
IGNORE	004	2 MW-10	28	22	08.4	82	33	46.0	IGNORE
DIDN'T CURR OK	<del>005</del>	2 MW-10 ✓	28	22	25.3	82	34	12.9	
	005	2 MW-9 ✓	28	22	26.5	82	34	06.3	
	006	4 MW-9 ✓	28	22	28.3	82	34	06.3	
	007	4 MW-8 ✓	28	22	23.3	82	34	15.1	
	008	2 MW-8 ✓	28	22	23.3	82	34	15.0	
	009	2 MW-7 ✓	28	22	18.5	82	34	06.9	
DIDN'T CURR OK	<del>010</del>	4 MW-7 ✓	28	22	18.5	82	34	06.8	
	010	12A	28	22	14.2	82	34	01.9	
	011	12B	28	22	14.4	82	34	01.6	
	012	2 MW-34 ✓	28	22	26.9 <del>26.9</del>	82	34	17.8 <del>17.8</del>	
	013	4 MW-34 ✓	28	22	31.2	82	34	03.7	
	014	2 MW-5 ✓	28	22	47.0	82	33	52.3	
	015	4 MW-5 ✓	28	22	47.2	82	33	53.0	
	016	2 MW-19D ✓	28	22	39.8	82	33	36.9	
	017	2 MW-18D ✓	28	22	46.7	82	33	36.2	
	018	4 MW-4 ✓	28	22	52.2	82	33	30.4	
	019	2 MW-4 ✓	28	22	57.5	82	33	31.0	
	020	2 MW-6 ✓	28	22	32.7	82	33	11.1	
	021	4 MW-6 ✓	28	22	32.6	82	33	11.2	
	022	2 MW-17S ✓	28	22	47.8	82	33	30.1	
	023	4 MW-11D ✓	28	22	27.2	82	33	29.0	
	024	2 MW-2 ✓	28	22	12.3	82	33	11.8	
	025	4 MW-2 ✓	28	22	12.3	82	33	11.8	



026	2MW-15DA ✓	28 22 <sup>13.7</sup> <del>21.7</del>	82 33 <sup>31.8</sup> <del>16.8</del>	NOT SURE OF COORDS - RAIN!
<u>IGNORE</u> 027	2MW 1 ✓	28 22 13.5 (-Data in WACS)	82 33 31.1	<u>IGNORE</u>
028	4MW 1 ✓	28 22 05.4	82 33 48.0	
→ 029	2MW-1 ✓	28 22 05.4	82 33 48.0	<u>RECHECK #5</u>
030	2MW-20D ✓	28 22 16.5	82 33 38.4	
031	4MW-14D ✓	28 22 22.8	82 33 38.8	
032	2MW-13D ✓	28 22 27.3	82 33 38.6	
033	4MW-13D ✓	28 22 27.3	82 33 38.2	
034	4MW-12D ✓	28 22 27.4	82 33 33.9	



OK

still @ old  
GPS site

well_name	lat_dd	lat_mm	lat_ss	long_dd	long_mm	long_ss	elevation	date	location
2MW-9	28	22	28.5	82	34	6.3	77 ft	7/30/2002	w pasco
4MW-9	28	22	28.3	82	34	6.3	78 ft	7/30/2002	w pasco
4MW-8	28	22	23.3	82	34	15.1	110 ft	7/30/2002	w pasco
2MW-8	28	22	15.5	82	34	6.9	77 ft	7/30/2002	w pasco
2MW-7	28	22	18.5	82	34	6.8	78 ft	7/30/2002	w pasco
12A	28	22	14.2	82	34	1.9	50 ft	7/30/2002	w pasco
12B	28	22	14.4	82	34	1.6	34 ft	7/30/2002	w pasco
2MW-3A	28	22	26.9	82	34	17.8	56 ft	7/30/2002	w pasco
4MW-3A	28	22	31.2	82	34	3.7	98 ft	7/30/2002	w pasco
2MW-5	28	22	47	82	33	52.3	63 ft	7/30/2002	w pasco
4MW-5	28	22	47.2	82	33	53	58 ft	7/30/2002	w pasco
2MW-19D	28	22	39.8	82	33	36.9	67 ft	7/30/2002	w pasco
2MW-18D	28	22	46.7	82	33	36.2	63 ft	7/30/2002	w pasco
4MW-4	28	22	52.2	82	33	30.4	64 ft	7/30/2002	w pasco
2MW-4	28	22	57.5	82	33	31	79 ft	7/30/2002	w pasco
2MW-6	28	22	32.7	82	33	11.1	80 ft	7/30/2002	w pasco
4MW-6	28	22	32.6	82	33	11.2	85 ft	7/30/2002	w pasco
2MW-17S	28	22	47.8	82	33	30.1	91 ft	7/30/2002	w pasco
4MW-11D	28	22	27.1	82	33	28.9	80 ft	7/30/2002	w pasco
2MW-2	28	22	12.3	82	33	11.8	86 ft	7/30/2002	w pasco
4MW-2	28	22	12.3	82	33	11.9	97 ft	7/30/2002	w pasco
2MW-15DA	28	22	13.7	82	33	31.8	69 ft	7/30/2002	w pasco
4MW-1	28	22	5.4	82	33	48	134 ft	7/30/2002	w pasco
2MW-1	28	22	5.6	82	33	48	100 ft	7/30/2002	w pasco
2MW-20D	28	22	16.5	82	33	39.4	85 ft	7/30/2002	w pasco
4MW-14D	28	22	22.8	82	33	38.8	130 ft	7/30/2002	w pasco
2MW-13D	28	22	27.3	82	33	38.6	95 ft	7/30/2002	w pasco
4MW-13D	28	22	27.3	82	33	38.2	88 ft	7/30/2002	w pasco
4MW-12D	28	22	27.4	82	33	33.9	60 ft	7/30/2002	w pasco
2MW-10	28	22	25.3	82	34	12.9			
4MW-7	28	22	18.5	82	34	6.8			



well_name	lat_dd	lat_mm	lat_ss	long_dd	long_mm	long_ss	elevation
1	28	22	8.3	82	33	46	
2	28	22	8.3	82	33	46	
3	28	22	8.3	82	33	46	
4	28	22	8.3	82	33	46	
5	28	22	28.5	82	34	6.3	77 ft
6	28	22	28.3	82	34	6.3	78 ft
7	28	22	23.3	82	34	15.1	110 ft
8	28	22	<del>45.5</del> 23.3	82	34	<del>6.9</del> 5	77 ft
9	28	22	18.5	82	34	6.8	78 ft
10	28	22	14.2	82	34	1.9	50 ft
11	28	22	14.4	82	34	1.6	34 ft
12	28	22	26.9	82	34	17.8	56 ft
13	28	22	31.2	82	34	3.7	98 ft
14	28	22	47	82	33	52.3	63 ft
15	28	22	47.2	82	33	53	58 ft
16	28	22	39.8	82	33	36.9	67 ft
17	28	22	46.7	82	33	36.2	63 ft
18	28	22	52.2	82	33	30.4	64 ft
19	28	22	57.5	82	33	31	79 ft
20	28	22	32.7	82	33	11.1	80 ft
21	28	22	32.6	82	33	11.2	85 ft
22	28	22	47.8	82	33	30.1	91 ft
23	28	22	27.1	82	33	28.9	80 ft
24	28	22	12.3	82	33	11.8	86 ft
25	28	22	12.3	82	33	11.9	97 ft
26	28	22	13.7	82	33	31.8	69 ft
27	28	22	13.5	82	33	31.1	
28	28	22	5.4	82	33	48	134 ft
29	28	22	5.6	82	33	48	100 ft
30	28	22	16.5	82	33	39.4	85 ft
31	28	22	22.8	82	33	38.8	130 ft
32	28	22	27.3	82	33	38.6	95 ft
33	28	22	27.3	82	33	38.2	88 ft
34	28	22	27.4	82	33	33.9	60 ft



# WEST PASCO MULTI-MEDIA INSPECTION

7/30/02 JRM

well_name	lat_dd	lat_m	lat_ss	long_dd	long_mm	long_ss	elevation
1	28	22	8.3	82	33	46	
2	28	22	8.3	82	33	46	
3	28	22	8.3	82	33	46	
4	28	22	8.3	82	33	46	
✓ 5 2MW-9	28	22	28.5	82	34	6.3	77 ft
✓ 6 4MW-9	28	22	28.3	82	34	6.3	78 ft
✓ 7 4MW-8	28	22	23.3	82	34	15.1	110 ft
✓ 8 2MW-9	28	22	15.5	82	34	6.9	77 ft
✓ 9 2MW-7	28	22	18.5	82	34	6.8	78 ft
✓ 10 12A	28	22	14.2	82	34	1.9	50 ft
✓ 11 12B	28	22	14.4	82	34	1.6	34 ft
✓ 12 2MW-3A	28	22	26.9	82	34	17.8	56 ft
✓ 13 4MW-3A	28	22	31.2	82	34	3.7	98 ft
✓ 14 2MW-5	28	22	47	82	33	52.3	63 ft
✓ 15 4MW-5	28	22	47.2	82	33	53	58 ft
✓ 16 2MW-19D	28	22	39.8	82	33	36.9	67 ft
✓ 17 2MW-18D	28	22	46.7	82	33	36.2	63 ft
✓ 18 4MW-4	28	22	52.2	82	33	30.4	64 ft
✓ 19 2MW-4	28	22	57.5	82	33	31	79 ft
✓ 20 2MW-6	28	22	32.7	82	33	11.1	80 ft
✓ 21 4MW-6	28	22	32.6	82	33	11.2	85 ft
✓ 22 2MW-17S	28	22	47.8	82	33	30.1	91 ft
✓ 23 4MW-11D	28	22	27.1	82	33	28.9	80 ft
✓ 24 2MW-2	28	22	12.3	82	33	11.8	86 ft
✓ 25 4MW-2	28	22	12.3	82	33	11.9	97 ft
✓ 26 2MW-15DA	28	22	13.7	82	33	31.8	69 ft
✓ 27	28	22	13.5	82	33	31.1	
✓ 28 4MW-1	28	22	5.4	82	33	48	134 ft
✓ 29 2MW-1	28	22	5.6	82	33	48	100 ft
✓ 30 2MW-20D	28	22	16.5	82	33	39.4	85 ft
✓ 31 4MW-14D	28	22	22.8	82	33	38.8	130 ft
✓ 32 2MW-13D	28	22	27.3	82	33	38.6	95 ft
✓ 33 4MW-13D	28	22	27.3	82	33	38.2	88 ft
✓ 34 4MW-12D	28	22	27.4	82	33	33.9	60 ft
✓ 2MW-10	28	22	25.3	82	34	12.9	
✓ 4MW-7	28	22	18.5	82	34	06.8	



= EXISTING  
 = PROPOSED  
 = ABANDONED

7/30/02  
 JCM

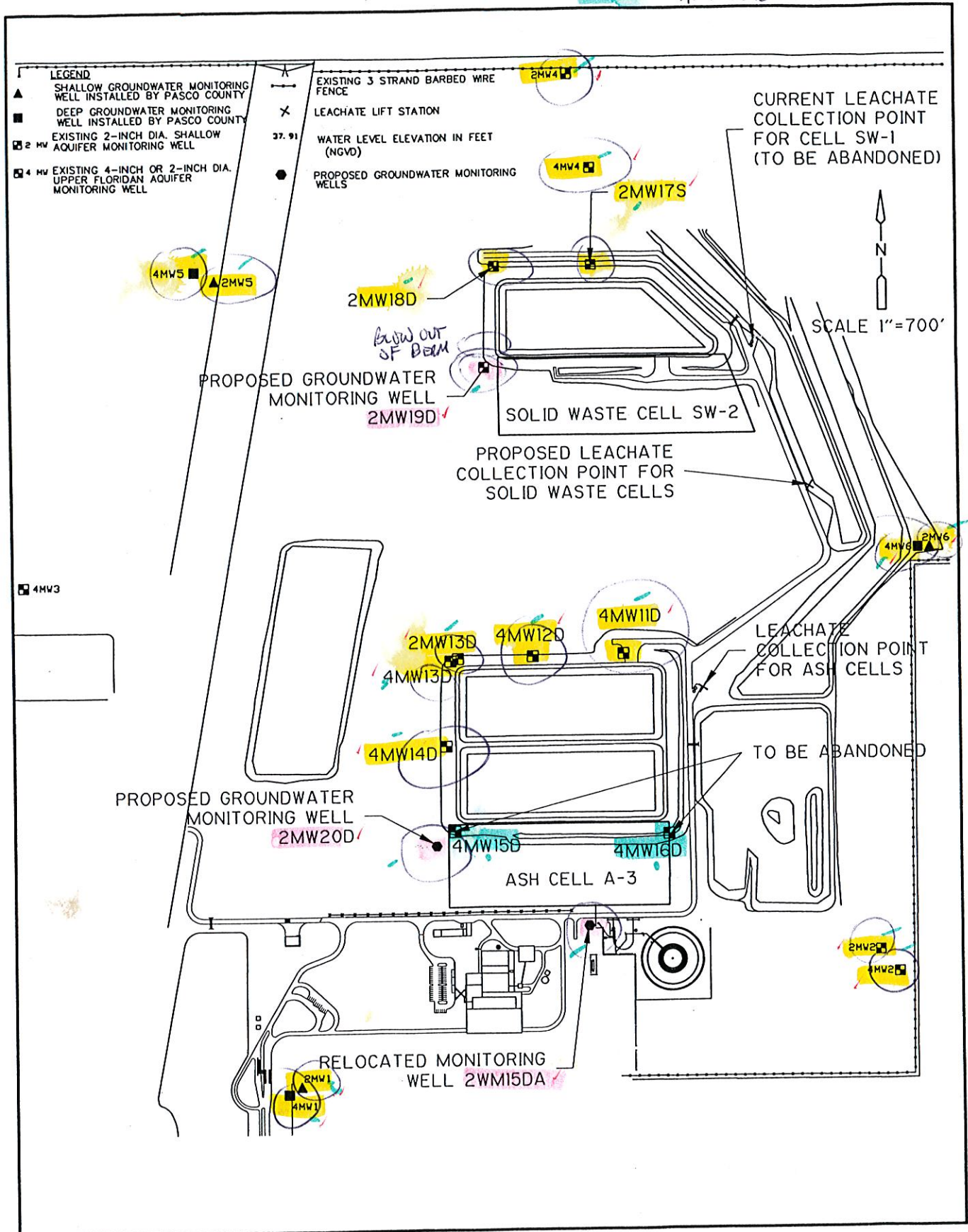
Petermonr

14:46:18

03/27/01 13:46:00

figure 1

L:\6104\28936\Dep\Figure\



**Figure No. 1**  
**Water Quality Monitoring Plan**



Table 1

**Construction Summary of Existing Monitor Wells  
in the Water Quality Monitoring Plan for the  
West Pasco Class I Landfill**

Well I.D.	Location		Ground Elevation (ft NGVD)	Top of Casing (ft NGVD)	Screened/Open Hole Section			Total Depth (ft bls)
	Latitude North	Longitude West			Well Type (dia.)	Depth (ft bls)	Elevation (ft NGVD)	
Surficial Aquifer								
2MW-1	28 22' 05.8"	82 33' 48.1"	46.7	49.97	Screened (2")	8.5 - 18.5	38.2 - 28.2	18.5
2MW-2	28 22' 12.3"	82 33' 11.9"	52.8	56.26	Screened (2")	29.5 - 34.5	23.3 - 18.3	34.5
2MW-3	28 22' 26.7"	82 34' 17.8"	41.7	49.94	Screened (2")	10.5 - 15.5	31.2 - 26.2	15.5
2MW-4	28 22' 57.7"	82 33' 31.4"	51.3	54.31	Screened (2")	10.5 - 15.5	40.8 - 35.8	15.5
2MW-5	28 22' 46.7"	82 33' 52.2"	45.3	48.13	Screened (2")	4.0 - 8.0	41.3 - 37.3	8.0
2MW-6	28 22' 32.7"	82 33' 11.1"	53.0	55.64	Screened (2")	20.0 - 30.0	33.0 - 23.0	30.0
2MW-13D	28 22' 27.2"	82 33' 38.7"	49.1	52.39	Screened (2")	7.8 - 17.3	41.3 - 31.8	18.0
2MW-17S					Screened (2")	23.0 - 38.0		41.0
Floridan Aquifer								
4MW-1	28 22' 05.5"	82 33' 48.1"	46.5	49.61	Open Hole (3 7/8")	32.0 - 60.0	14.5 - -13.5	60.0
4MW-2	28 22' 12.2"	82 33' 11.9"	53.0	55.76	Open Hole (3 7/8")	42.0 - 70.0	11.0 - -17.0	70.0
4MW-3A	28 22' 31.5"	82 34' 03.3"	50.6	52.84	Open Hole (3 7/8")	22.0 - 50.0	28.6 - 0.6	50.0
4MW-4	28 22' 52.5"	82 33' 30.3"	48.1	50.52	Open Hole (3 7/8")	22.0 - 50.0	26.1 - 0.5	50.0
4MW-5	28 22' 47.2"	82 33' 53.4"	45.4	48.26	Open Hole (3 7/8")	68.0 - 100.0	-22.6 - -47.6	100.0
4MW-6	28 22' 32.7"	82 33' 11.3"	52.4	55.03	Open Hole (3 7/8")	73.0 - 100.0	-20.6 - -47.6	100.0
4MW-11D	28 22' 27.5"	82 33' 28.5"	61.9	65.00	Screened (2")	27.0 - 52.0	34.9 - 9.9	52.0
4MW-12D	28 22' 27.4"	82 33' 33.9"	51.8	55.03	Screened (2")	30.0 - 55.0	21.8 - -3.2	55.0
4MW-13D	28 22' 27.3"	82 33' 38.1"	51.2	54.04	Screened (2")	26.0 - 36.0	25.2 - 15.2	36.0
4MW-14D	28 22' 22.8"	82 33' 39.0"	49.0	52.00	Screened (2")	25.0 - 50.0	24.0 - -1.0	50.0
4MW-15D	28 22' 18.5"	82 33' 38.5"	51.7	54.53	Screened (2")	36.0 - 61.0	15.7 - -9.3	61.0
4MW-16D	28 22' 18.3"	82 33' 26.1"	48.6	52.47	Screened (2")	16.0 - 41.0	32.6 - 7.6	41.0
4MW-18D					Screened (2")	25.0 - 40.0		40.0



L:\6104\

walls

03/19/02 10:18:34

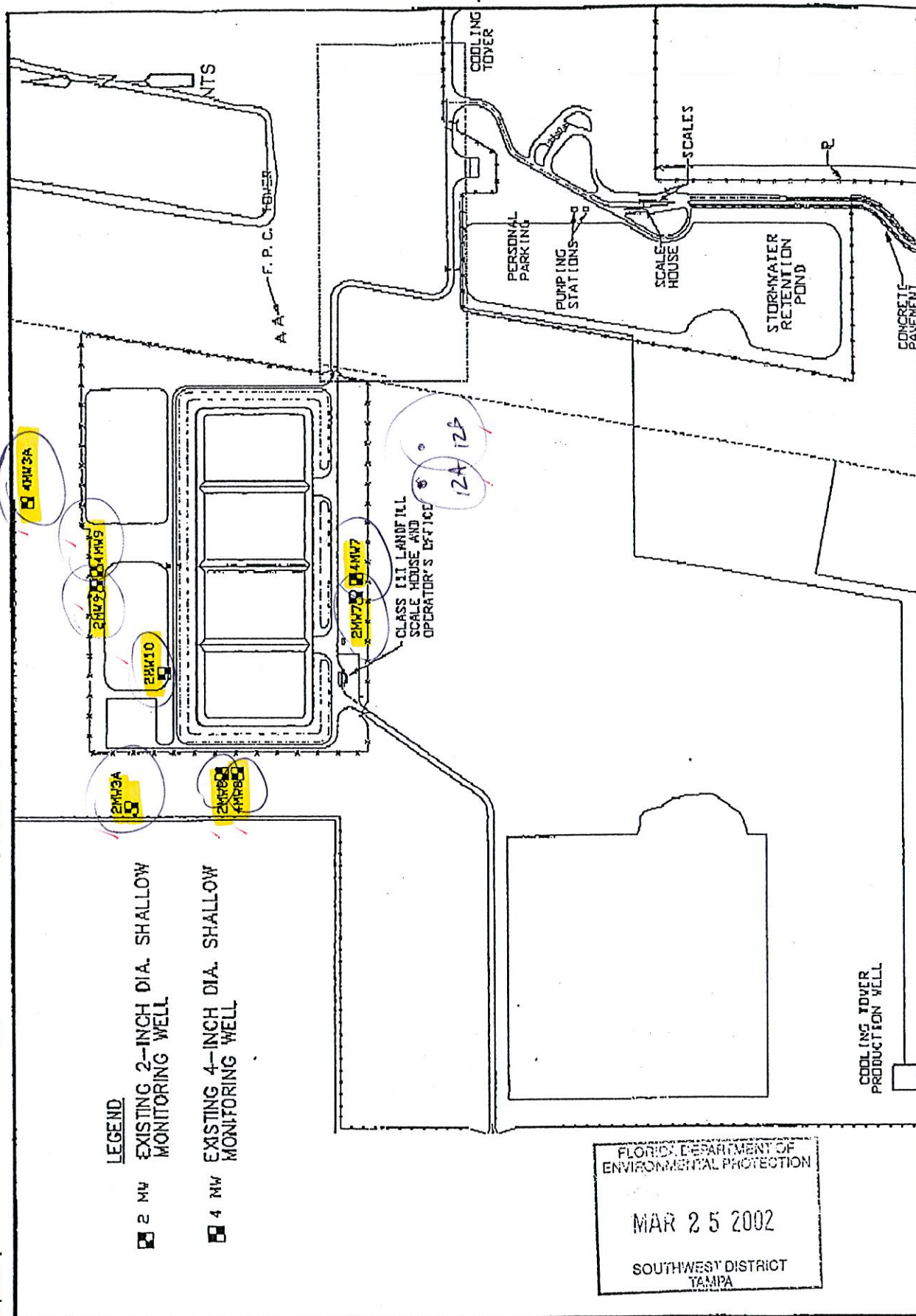
5:36:50

Peterman

LEGEND

■ 2 MW EXISTING 2-INCH DIA. SHALLOW MONITORING WELL

■ 4 MW EXISTING 4-INCH DIA. SHALLOW MONITORING WELL



FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION

MAR 25 2002

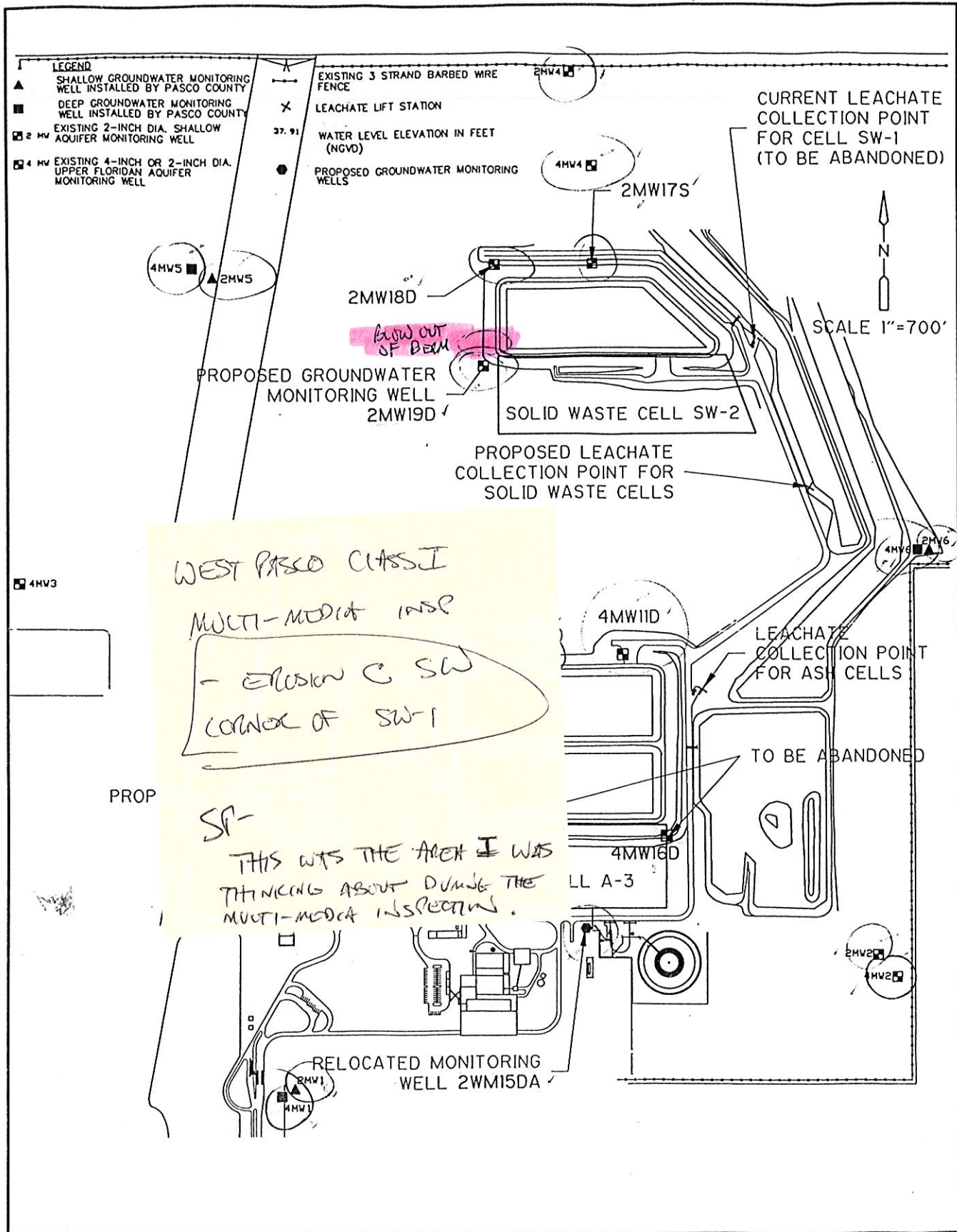
SOUTHWEST DISTRICT  
TAMPA

**Figure No.1**  
**West Pasco**  
**Class III Landfill**  
**Ground Water Monitoring Wells**



= EXISTING  
 PROPOSED  
 = ABANDONED

7/30/02  
 JRM



Petermanrr

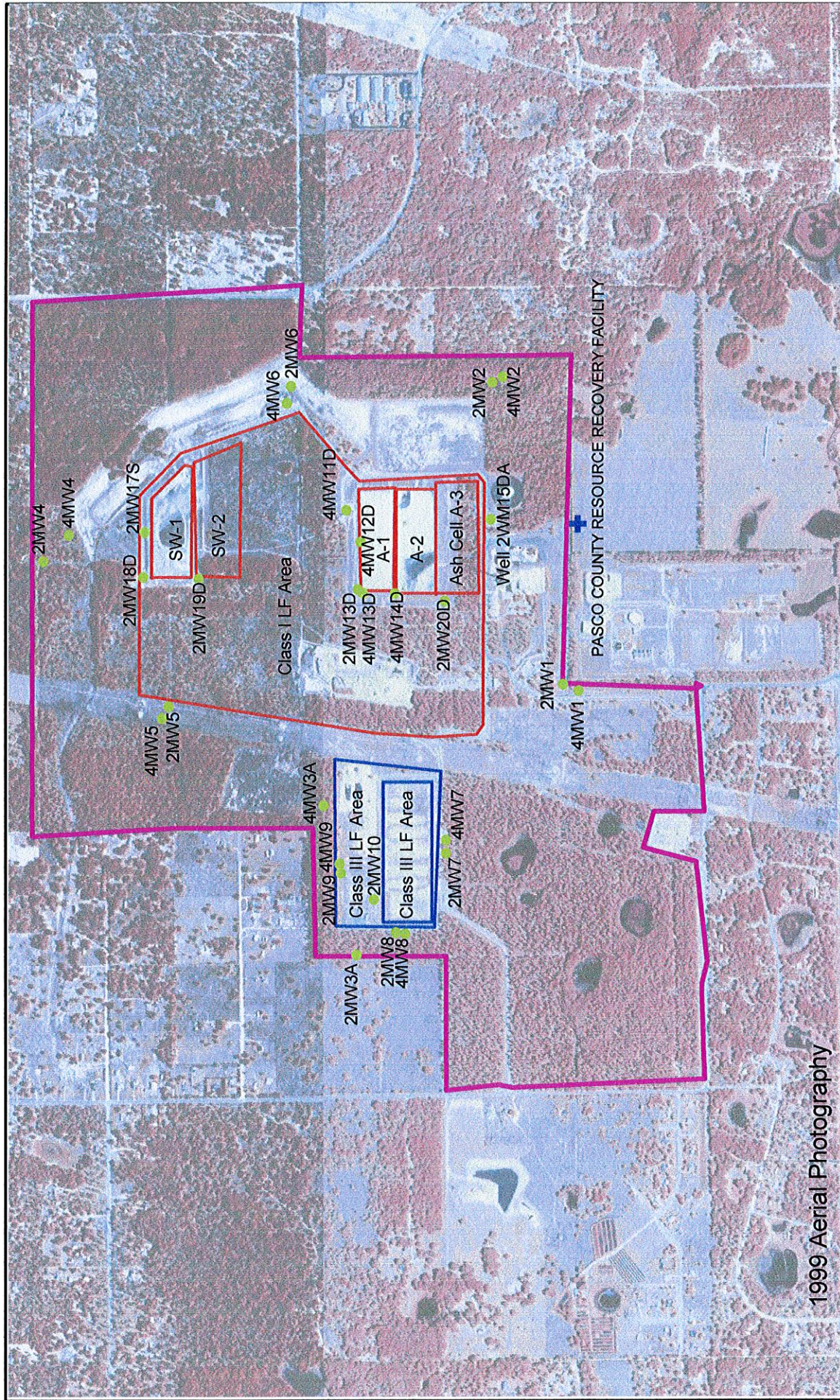
14:46:18

03/27/01 13:46:00

figure 1

L:\6104\28936\Dep\Figure\





1999 Aerial Photography

# Multimedia Project: Pasco Resource Recovery Plant Before Inspection

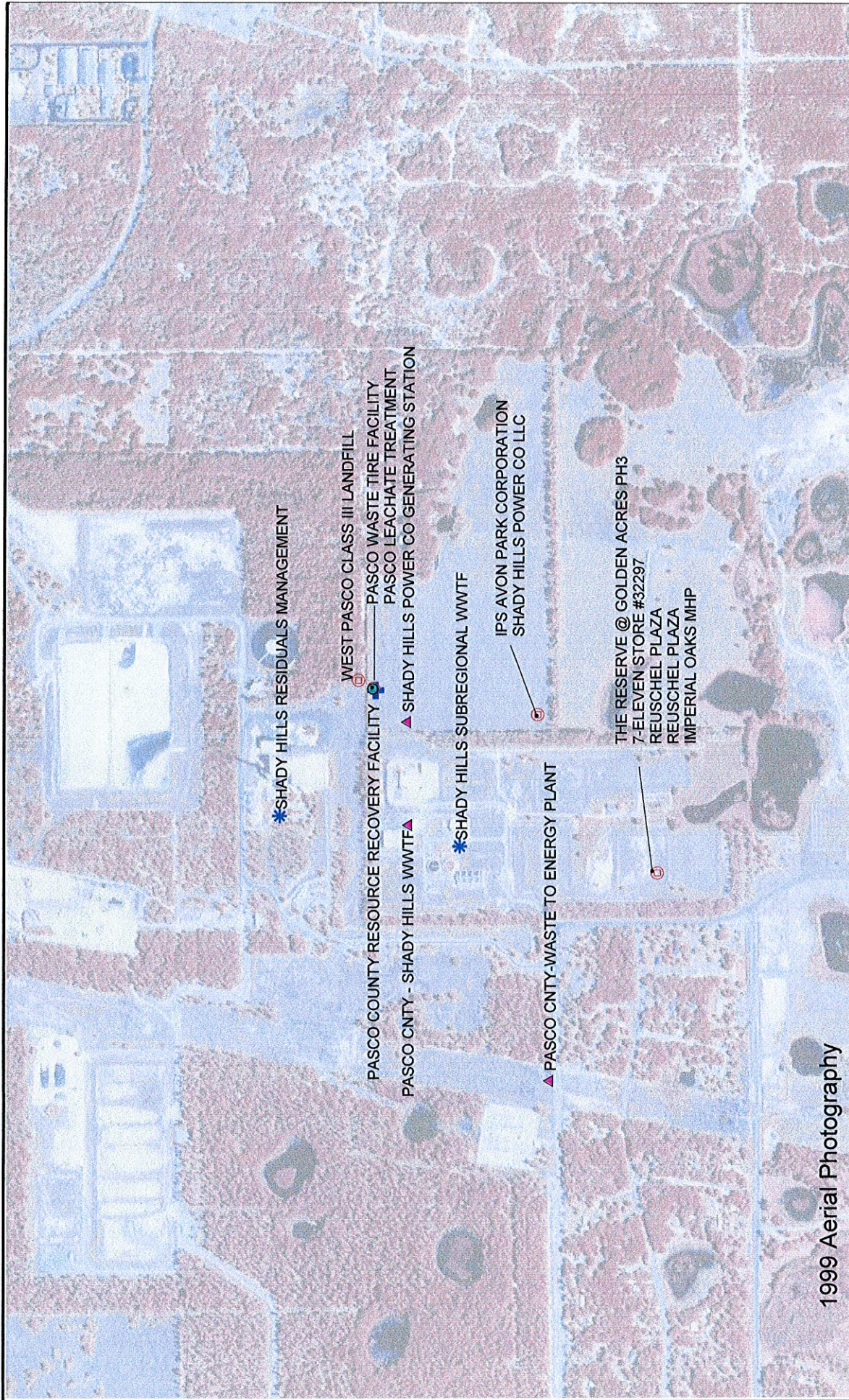
N  
E  
S  
W

1:20000

**Pasco Resource Recovery Features**

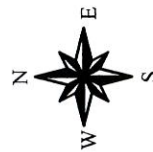
- Class I LF Area
- Class III LF Area
- Property Boundary
- Monitoring Wells
- Power Plant Reference Point





1999 Aerial Photography

- Source: Dataminter
- ▲ STCM Facilities
  - \* WAFR Facilities
  - PA Facilities
  - ARMS Facilities
  - + Power Plant Reference Point



1:15000

# Multimedia Project: Pasco Resource Recovery Plant Before Inspection



June 4, 2002



## **Multi-media Pre-inspection Meeting**

July 15, 2002, 1:30pm, Conference Room A

### **Pasco County Resource Recovery (Waste-to-Energy) Facility and Landfill, 14606 Hays Road, Spring Hill, Pasco County**

#### **I. Pre-Inspection Meeting Participants:**

Solid Waste – Susan Pelz, John Morris, Lindsay McCoy  
Air- Joe Cox  
IW- Jeff Hilton, Shannan Gunnoe, Ilia Herrera, Yanisa Angulo (?)  
PW-  
RCRA-  
Tanks- delegated to Pasco Co. (unable to attend)  
ERP-  
DW- Ed Snipes, Tom Gucciardo  
Tech Services-Bill Kelsey

#### **II. Program Summaries:**

##### **➤ Solid Waste -**

##### **Permitting**

##### **Class I Solid Waste –**

Authorization to incinerate and/or dispose Class I solid waste as part of the Power Plant Conditions of Certification No. PA 87-23, originally certified in August 1988. This authorization addresses the operation of the incinerator and facilities associated with the Class I landfill areas (ash disposal cells, solid waste disposal cells, and leachate treatment facility).

Construction of landfill cells ( 2 new cells currently under construction) have been approved by the Solid Waste Section and revisions to the certification (currently waiting OGC approval & publication/petition period) to reflect the landfill expansion are being processed by the Department's Power Plant Siting Coordination Office.

Upon completion of the construction activities, there will be three landfill cells (approx. 30 acres total) for the disposal of incinerator ash and two landfill cells (approx. 20 acres total) for the disposal of solid waste that has not been incinerated. All the landfill cells for Class I solid waste have been constructed with a double liner and leachate collection systems. The conceptual future plans for the facility include a total of 16 lined cells for the disposal of Class I solid waste.

Pasco County garbage (MSW) and special wastes are burned (approx. 1500 tons per day), metals are recovered post burn, flyash & bottom ash is then treated, mixed and disposed in onsite landfill. Annual ash sampling results to ensure ash is not hazardous is reviewed by TAL SW.

Class III Solid Waste – Operation permit #26255-001-SO, issued 4/19/02, authorizes Pasco County to handle and dispose Class III solid waste and expires in April 2007. This permit allows disposal in four cells (20 acres total) that are constructed with a single liner and a leachate collection system.

Other facilities – The site also includes landfill administration offices, fleet maintenance areas, a household hazardous waste collection center, citizen "mom & pop" waste drop off area, yard trash and waste tire processing areas, and a material recovery facility for processing recyclables.



(Solid Waste cont'd)

**Monitoring**

**Class I Landfill Cells** – The approved monitoring plan requires monitoring ground water (7 surficial aquifer wells, 13 Floridan aquifer wells) and leachate (2 locations). There are no surface water discharges from the site.

The constituents present in the leachate that is generated at the site vary considerably. The leachate collected from the ash disposal cells typically contains elevated concentrations of metals and inorganic parameters while the leachate collected from the solid waste disposal cells typically contains detectable concentrations of volatile organic compounds. Several of the monitor wells at the southern portion of the property have shown exceedances of ground water standards for chloride, sodium and total dissolved solids. It has been determined that these exceedances were related to discharges from the adjacent Shady Hills WWTP rather than releases from the landfill cells.

**Class III Landfill Cells** – The permit requires monitoring ground water (5 surficial aquifer wells, 4 Floridan aquifer wells) and leachate (2 locations). There have been no persistent exceedances of ground water standards reported for the monitor wells adjacent to the Class III landfill cells.

**Compliance issues:** The facility has an outstanding Consent Order for previous landfill operation and leachate management problems. The facility has completed all necessary corrective actions required by the Consent Order. Under the terms of the Order, in lieu of payment of a monetary settlement for outstanding penalties, Pasco County will be constructing a restaurant grease treatment facility as an environmental project. Design, construction and potential permitting of this facility is being handled by the District Domestic Waste Section. Domestic Waste is currently waiting for the County to provide a status report on the project, which under the terms of a separate Domestic Waste Consent Order was due June 1. There are no other outstanding solid waste compliance/enforcement issues for the facility.



**Air**

**Permit:** Title V operating permit 1010056-002-AV expires October 20, 2005. Permittee on the air permit is Pasco County and the facility name is listed as "Pasco County Resource Recovery Facility." The facility was designed and built by Ogden-Martin Systems of Pasco County, Inc., which operates the facility under a twenty-year contract with the county.

**Summary of Activity:** This facility, which began commercial operation in May of 1991, consists of three municipal solid waste (MSW)-fired steam generators (boilers) with auxiliary natural gas-fired burners, lime storage and processing facilities, activated carbon storage, ash storage and processing facilities, ancillary support equipment, leachate treatment, and a contiguous municipal solid waste landfill. The steam is used to generate up to 31.2 megawatts of electricity which is sold to Florida Power Corporation. Incinerator emissions are controlled by a dry scrubber, fabric filter baghouse, and carbon injection. The landfill's methane emissions are below the 50 megagrams/year threshold for requiring a gas collection system, so there are no air inspection issues at the landfill other than compliance with the general rules governing fugitive particulate emissions (dust control) and objectionable odors.

**Compliance Issues:** There are no current air compliance issues for this facility.

**Other:** Ogden-Martin Systems of Pasco County, Inc. has been acquired by Covanta Energy and changed its name to Covanta Pasco, Inc. Covanta Energy, which also operates the Hillsborough County RRF under a similar contract, recently filed for bankruptcy.



**Industrial Waste** – There are no known industrial waste permits or discharges from the facility. Wastewater from the onsite leachate treatment facility is discharged directly to the adjacent Shady Hills POTW (?).

**Monitoring:** see WSM memo dated July 3, 2002 (attached)



➤ **Domestic Waste**

➤ **RCRA** – fleet maintenance; HHW; leachate treatment facility(?)

➤ **PW** – onsite well for potable service

➤ **ERP** – no permits; no onsite wetlands

**III. Discussion/Questions:**

**IV. Anticipated Inspection Participants:**

Solid Waste – Susan Pelz, John Morris, Lindsay McCoy

Air- Joe Cox

IW- Jeff Hilton, Shannan Gunnoe

PW- none

RCRA- ? ? Beth

ERP- none

DW-

Tanks-no participation anticipated

**V. Inspection Date(s): 7/22, 7/24, 7/30 or 7/31**

**VI. Post Inspection Meeting Date/Time:**



# DEP Interoffice Memorandum

TO: Susan Pelz, PE  
Solid Waste

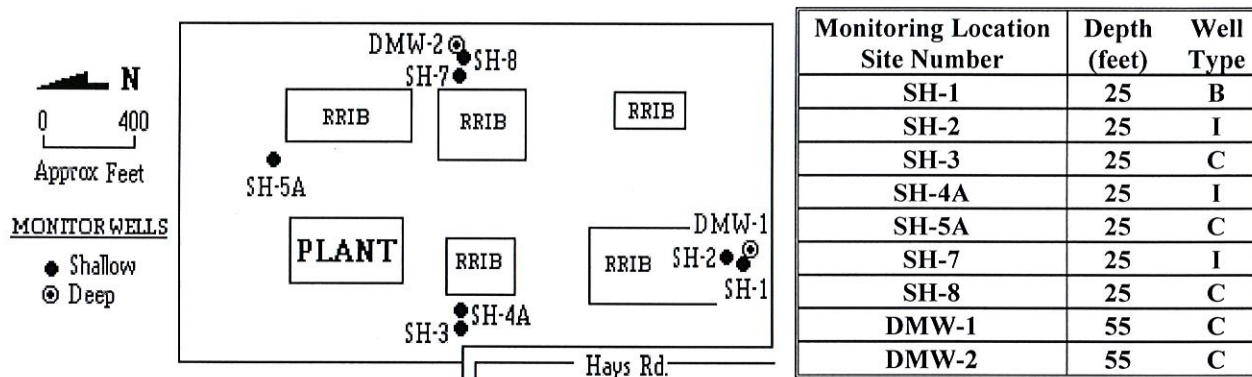
THROUGH: Charles Kovach, Environmental Manager  
Watershed Management

FROM: Bill Kelsey, P.G.  
Watershed Management/Ground Water

DATE: July 3, 2002

SUBJECT: Pasco County Resource Recovery Facility

Watershed Management Ground Water staff have been indirectly involved with the Pasco RRF facility, as prior to August 1997, the adjacent Shady Hills WWTP had been accepting RRF leachate for discharge to their percolation ponds. The Shady Hills ponds and monitor wells are approximately depicted below along with monitor well depths and zone of discharge (ZOD) designations of background (B), intermediate (I), and compliance (C).



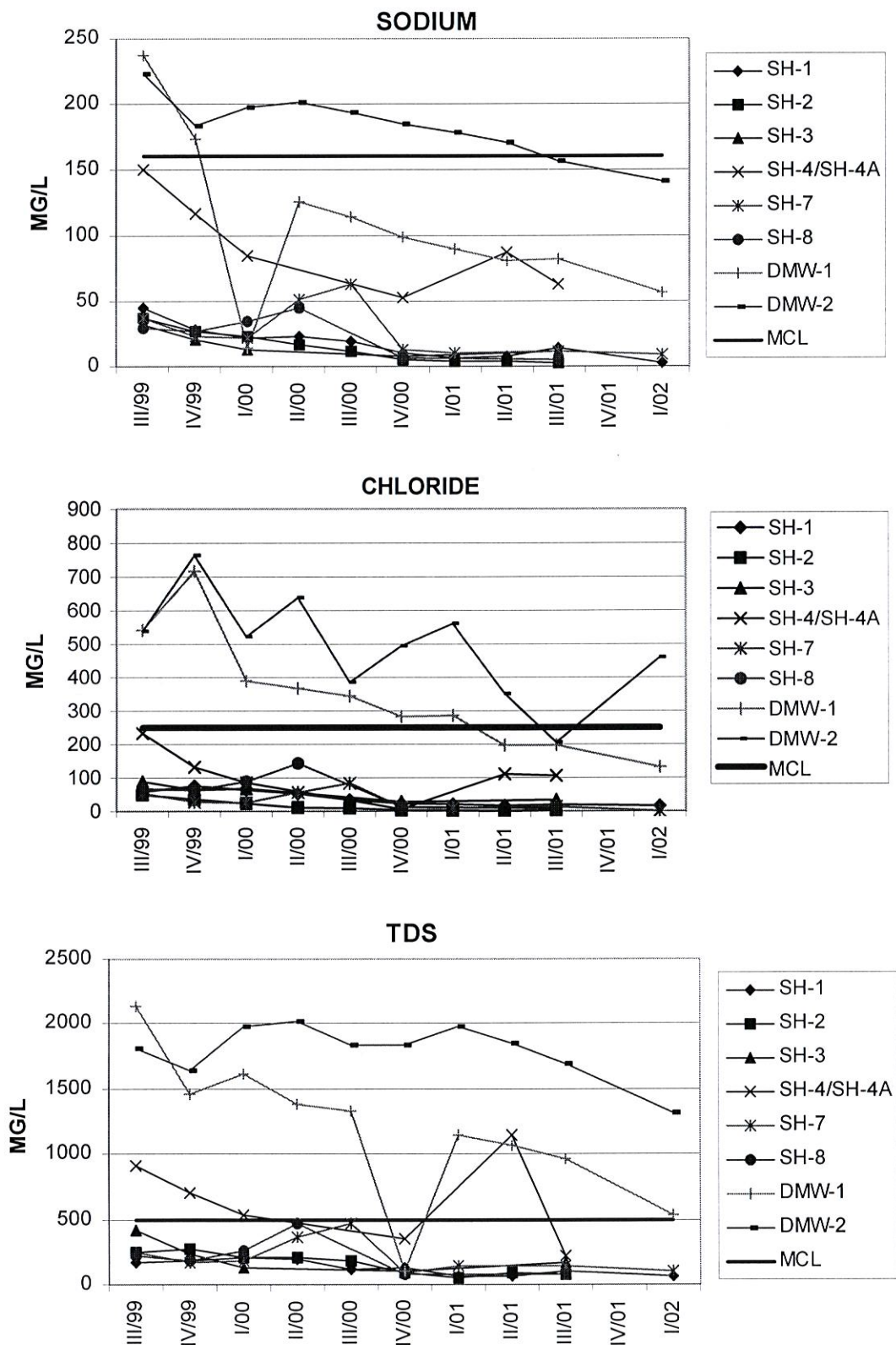
Ground water staff have produced trends for indicator parameters sodium, chloride, and total dissolved solids, which show marked improvement with the only current MCL exceedances at DMW-1 and 2 for total dissolved solids and DMW-2 for chloride (see attached charts and spread sheet).

Domestic Wastewater Compliance/Enforcement issues are yet to be concluded for the Shady Hills ZOD, and Watershed Ground Water staff will be providing further evaluation of previously proposed remedial actions in the near future.

Extension 421.



# ATTACHMENT 1. SHADY HILLS GROUND WATER





ATTACHMENT 2  
SHADY HILLS WWTP GROUND WATER

<b>Sodium</b>	<b>I/99</b>	<b>II/99</b>	<b>III/99</b>	<b>IV/99</b>	<b>I/00</b>	<b>II/00</b>	<b>III/00</b>	<b>IV/00</b>	<b>I/01</b>	<b>II/01</b>	<b>III/01</b>	<b>IV/01</b>	<b>I/02</b>
SH-5A			98.1	93.2	96.3			84.7					
SHR-1	1.05	0.83	0.7	2.11	1.21	1.08	4.43	4.39			5.11	6.04	
SHR-2	3.36	3.44	2.49	2.36	2.79	2.96	2.99	3.2			2.45		
SHR-3	30.1	30.8	29.6	19.2	26.3	29.8	23.2	10.5			15.9	21.3	13.6
SH-1			44.3	28.6	21.3	23.2	18.9	10.8	5.91	7.37	14.1		2.96
SH-2			37.5	26.3	22.7	17	11.7	4.78	4.43	3.98	2.62		
SH-3			32	20.7	12.8			7.42			11.1		
SH-4/SH-4A			150	117	85.1			52.2		87.1	63		
SH-7			37.7	22.5	21.6	50.8	62.2	12.2	10.3		11.9		9.42
SH-8			29	27.4	34	45.3		6.7			5.23		
DMW-1			237	173	14.6	126	114	98.1	89.8	81.1	82.2		55.9
DMW-2			223	183	197	201	194	185	178	170	157		141

<b>Chloride</b>	<b>I/99</b>	<b>II/99</b>	<b>III/99</b>	<b>IV/99</b>	<b>I/00</b>	<b>II/00</b>	<b>III/00</b>	<b>IV/00</b>	<b>I/01</b>	<b>II/01</b>	<b>III/01</b>	<b>IV/01</b>	<b>I/02</b>
SH-5A			255	283	298			274					
SHR-1	2.75	1	1.37	2.44	3.45	1.52	5.68	9.46			4.16	1	
SHR-2	6.25	3.25	2.85	1.17	6.58	2.91	3.67	11.9			1.22		
SHR-3	85.3	80.1	84	50.4	75.2	86.3	63.8	21.3			35.8	39.6	12.9
SH-1			58	75.6	63.1	52	33.4	23.1	20.8	17	19.7		16.3
SH-2			48.7	35.1	23.2	11	9.34	3.5	2.77	1	2.98		
SH-3			88	63.2	67.7			28.3			33.5		
SH-4/SH-4A			233	132	85.4			6.54		111	106		
SH-7			53.2	27.8	25.6	56.4	83.7	12.1	10.4		13.9		1
SH-8			66.3	62.8	88.1	143		13			8.91		
DMW-1			542	717	390	367	344	283	286	197	198		132
DMW-2			538	764	522	638	386	494	561	350	206		460

<b>TDS</b>	<b>I/99</b>	<b>II/99</b>	<b>III/99</b>	<b>IV/99</b>	<b>I/00</b>	<b>II/00</b>	<b>III/00</b>	<b>IV/00</b>	<b>I/01</b>	<b>II/01</b>	<b>III/01</b>	<b>IV/01</b>	<b>I/02</b>
SH-5A			1160	770	1010			944					
SHR-1	37	26	30	15	38	41	35	50			43	76	
SHR-2	137	106	63	47	56	51	136	77			36		
SHR-3	285	322	276	280	482	320	250	132			162	166	82
SH-1			174	182	212	196	123	125	65	60	104		69
SH-2			242	276	204	210	182	93	52	87	81		
SH-3			412	232	128			110			168		
SH-4/SH-4A			910	700	540			346		1140	226		
SH-7			248	166	182	368	472	91	141		142		103
SH-8			222	178	266	464		73			75		
DMW-1			2130	1460	1620	1380	1330	106	1150	1072	970		536
DMW-2			1810	1640	1980	2020	1840	1830	1975	1850	1690		1320



**Pelz, Susan**

---

**From:** Cox, Joe  
**Sent:** Tuesday, August 13, 2002 9:32 AM  
**To:** Pelz, Susan  
**Cc:** Proses, Bill  
**Subject:** RE: Pasco RRF Post inspection meeting

My report for the air part of the inspection is attached. I'm not sure you need the second file to make the first one work; but the system generated both of them when I told EASIIR (our computer-aided inspection system) to export the report. There appear to be some links in this report to "drill down" and get additional information; but they don't work once the report is exported. For that reason, I tried to include enough information in the comments sections to make this document stand alone.

Right now, I don't have anything important on my calendar from the beginning of September until the middle of October except the Annual Air Meeting October 1-3. However, my wife needs to have back surgery sometime soon and it is not yet scheduled. Whenever that happens, I will probably be out a couple of weeks until she is back on her feet. She has an appointment tomorrow with the neurosurgeon, so I hope to know then when the surgery will be. I will keep you informed as soon as I know anything. Other than that, I am off on Fridays; but I will switch my day off if a Friday is the best day for the rest of the group.

In addition to my wife's medical problems, I am having some medical appointments related to my diabetes and arthritis--getting old is hell, but it beats the alternative. Most, but not all, I am able to schedule on Fridays to minimize the amount of sick leave I have to take. Those appointments are getting scheduled about 1-3 weeks in advance, so nothing is scheduled yet in the period being considered for our meeting. Once you pick a date, I will ensure that my medical appointments are scheduled around it, so it shouldn't be a problem unless something causes us to reschedule the meeting on short notice.



Pasco RRF  
073002.htm

-----Original Message-----

**From:** Proses, Bill  
**Sent:** Tuesday, August 13, 2002 9:04 AM  
**To:** Cox, Joe  
**Subject:** FW: Pasco RRF Post inspection meeting

Joe,  
I think your handling this one.

-----Original Message-----

**From:** Pelz, Susan  
**Sent:** Tuesday, August 13, 2002 7:14 AM  
**To:** Angulo, Yanisa; Balcom, Ilia; Culbreth, Laurel; Gonsalves, Michael; Greenwell, Jeffry; Gucciardo, Tom; Knauss, Beth; Kovach, Charles; Proses, Bill; Snipes, Ed; Toledo, Mercily; Vorstadt, Bill  
**Cc:** Lynch, Sandra  
**Subject:** Pasco RRF Post inspection meeting

(If your program area wasn't involved in this inspection, ignore & delete...)

I need to start wrapping up the Pasco RRF multimedia inspection, so please give me dates you are available for the post-inspection meeting, sometime 2nd week of September or later. The inspection was on July 29th. Since the C/E Workshop is 8/28 through 8/30, if I could get everyone's inspection reports by Labor Day (9/2), I'll have them in plenty of time for the post-inspection meeting.

Sandra, please give me dates that Deborah is available week of 9/9 or later.

Thanks,  
Susan



PASCO County RRF

Status on in-kind?

In-kind  $\Rightarrow$  no specific interim dates, only end/completion date  
NPR CO update was June 1<sup>st</sup>

leachate from SW-1 & SW-2  $\Rightarrow$  Shady Hills  
no discharge from LTRF to Shady Hills?

Domestic - CO w/ Shady Hills

Inspection

substation

Plant

- where is water going?

mom & pyp

LF

MRF

HHW

fleet maint

LTRF

sludge composting?

---

John Powers / FARK

8:00 AM - VAN?



## **Multi-media Pre-inspection Meeting**

July 15, 2002, 1:30pm, Conference Room A

### **Pasco County Resource Recovery (Waste-to-Energy) Facility and Landfill, 14606 Hays Road, Spring Hill, Pasco County**

#### **I. Pre-Inspection Meeting Participants:**

Solid Waste – Susan Pelz, John Morris, Lindsay McCoy

Air- Joe Cox

IW- Jeff Hilton, Shannan Gunnoe, Ilia Herrera, Yanisa Angulo (?)

PW-

RCRA-

Tanks- delegated to Pasco Co. (unable to attend)

ERP-

DW- Ed Snipes, Tom Gucciardo

Tech Services-Bill Kelsey

#### **II. Program Summaries:**

##### **➤ Solid Waste -**

##### **Permitting**

##### **Class I Solid Waste –**

Authorization to incinerate and/or dispose Class I solid waste as part of the Power Plant Conditions of Certification No. PA 87-23, originally certified in August 1988. This authorization addresses the operation of the incinerator and facilities associated with the Class I landfill areas (ash disposal cells, solid waste disposal cells, and leachate treatment facility).

Construction of landfill cells ( 2 new cells currently under construction) have been approved by the Solid Waste Section and revisions to the certification (currently waiting OGC approval & publication/petition period) to reflect the landfill expansion are being processed by the Department's Power Plant Siting Coordination Office.

Upon completion of the construction activities, there will be three landfill cells (approx. 30 acres total) for the disposal of incinerator ash and two landfill cells (approx. 20 acres total) for the disposal of solid waste that has not been incinerated. All the landfill cells for Class I solid waste have been constructed with a double liner and leachate collection systems. The conceptual future plans for the facility include a total of 16 lined cells for the disposal of Class I solid waste.

Pasco County garbage (MSW) and special wastes are burned (approx. 1500 tons per day), metals are recovered post burn, flyash & bottom ash is then treated, mixed and disposed in onsite landfill. Annual ash sampling results to ensure ash is not hazardous is reviewed by TAL SW.

Class III Solid Waste – Operation permit #26255-001-SO, issued 4/19/02, authorizes Pasco County to handle and dispose Class III solid waste and expires in April 2007. This permit allows disposal in four cells (20 acres total) that are constructed with a single liner and a leachate collection system.

Other facilities – The site also includes landfill administration offices, fleet maintenance areas, a household hazardous waste collection center, citizen "mom & pop" waste drop off area, yard trash and waste tire processing areas, and a material recovery facility for processing recyclables.



(Solid Waste cont'd)

**Monitoring**

**Class I Landfill Cells** – The approved monitoring plan requires monitoring ground water (7 surficial aquifer wells, 13 Floridan aquifer wells) and leachate (2 locations). There are no surface water discharges from the site.

The constituents present in the leachate that is generated at the site vary considerably. The leachate collected from the ash disposal cells typically contains elevated concentrations of metals and inorganic parameters while the leachate collected from the solid waste disposal cells typically contains detectable concentrations of volatile organic compounds. Several of the monitor wells at the southern portion of the property have shown exceedances of ground water standards for chloride, sodium and total dissolved solids. It has been determined that these exceedances were related to discharges from the adjacent Shady Hills WWTP rather than releases from the landfill cells.

**Class III Landfill Cells** – The permit requires monitoring ground water (5 surficial aquifer wells, 4 Floridan aquifer wells) and leachate (2 locations). There have been no persistent exceedances of ground water standards reported for the monitor wells adjacent to the Class III landfill cells.

**Compliance issues:** The facility has an outstanding Consent Order for previous landfill operation and leachate management problems. The facility has completed all necessary corrective actions required by the Consent Order. Under the terms of the Order, in lieu of payment of a monetary settlement for outstanding penalties, Pasco County will be constructing a restaurant grease treatment facility as an environmental project. Design, construction and potential permitting of this facility is being handled by the District Domestic Waste Section. Domestic Waste is currently waiting for the County to provide a status report on the project, which under the terms of a separate Domestic Waste Consent Order was due June 1. There are no other outstanding solid waste compliance/enforcement issues for the facility.

➤ **Air**

**Permit:** Title V operating permit 1010056-002-AV expires October 20, 2005. Permittee on the air permit is Pasco County and the facility name is listed as "Pasco County Resource Recovery Facility." The facility was designed and built by Ogden-Martin Systems of Pasco County, Inc., which operates the facility under a twenty-year contract with the county.

**Summary of Activity:** This facility, which began commercial operation in May of 1991, consists of three municipal solid waste (MSW)-fired steam generators (boilers) with auxiliary natural gas-fired burners, lime storage and processing facilities, activated carbon storage, ash storage and processing facilities, ancillary support equipment, leachate treatment, and a contiguous municipal solid waste landfill. The steam is used to generate up to 31.2 megawatts of electricity which is sold to Florida Power Corporation. Incinerator emissions are controlled by a dry scrubber, fabric filter baghouse, and carbon injection. The landfill's methane emissions are below the 50 megagrams/year threshold for requiring a gas collection system, so there are no air inspection issues at the landfill other than compliance with the general rules governing fugitive particulate emissions (dust control) and objectionable odors.

**Compliance Issues:** There are no current air compliance issues for this facility.

**Other:** Ogden-Martin Systems of Pasco County, Inc. has been acquired by Covanta Energy and changed its name to Covanta Pasco, Inc. Covanta Energy, which also operates the Hillsborough County RRF under a similar contract, recently filed for bankruptcy.

➤ **Industrial Waste** – There are no known industrial waste permits or discharges from the facility. Wastewater from the onsite leachate treatment facility is discharged directly to the adjacent Shady Hills POTW (?).

**Monitoring:** see WSM memo dated July 3, 2002 (attached)



➤ **Domestic Waste**

➤ **RCRA** – fleet maintenance; HHW; leachate treatment facility(?)

➤ **PW**

➤ **ERP** – no permits; no onsite wetlands

**III. Discussion/Questions:**

**IV. Anticipated Inspection Participants:**

Solid Waste – Susan Pelz, John Morris, Lindsay McCoy

Air- Joe Cox

IW- Jeff Hilton, Shannan Gunnoe

PW- none

RCRA-

ERP- none

DW-

Tanks-no participation anticipated

**V. Inspection Date(s): 7/22, 7/24, 7/30 or 7/31**

**VI. Post Inspection Meeting Date/Time:**



# DEP Interoffice Memorandum

TO: Susan Pelz, PE  
Solid Waste

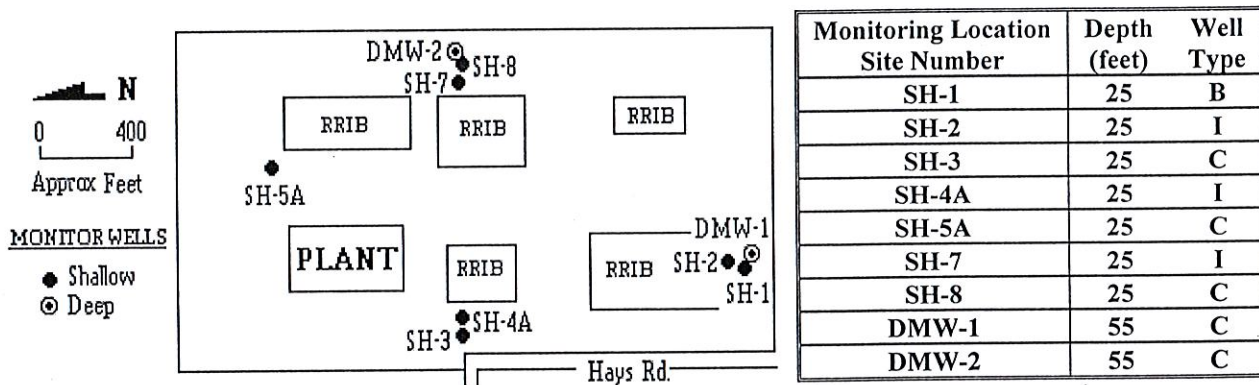
THROUGH: Charles Kovach, Environmental Manager  
Watershed Management

FROM: Bill Kelsey, P.G.  
Watershed Management/Ground Water

DATE: July 3, 2002

SUBJECT: Pasco County Resource Recovery Facility

Watershed Management Ground Water staff have been indirectly involved with the Pasco RRF facility, as prior to August 1997, the adjacent Shady Hills WWTP had been accepting RRF leachate for discharge to their percolation ponds. The Shady Hills ponds and monitor wells are approximately depicted below along with monitor well depths and zone of discharge (ZOD) designations of background (B), intermediate (I), and compliance (C).



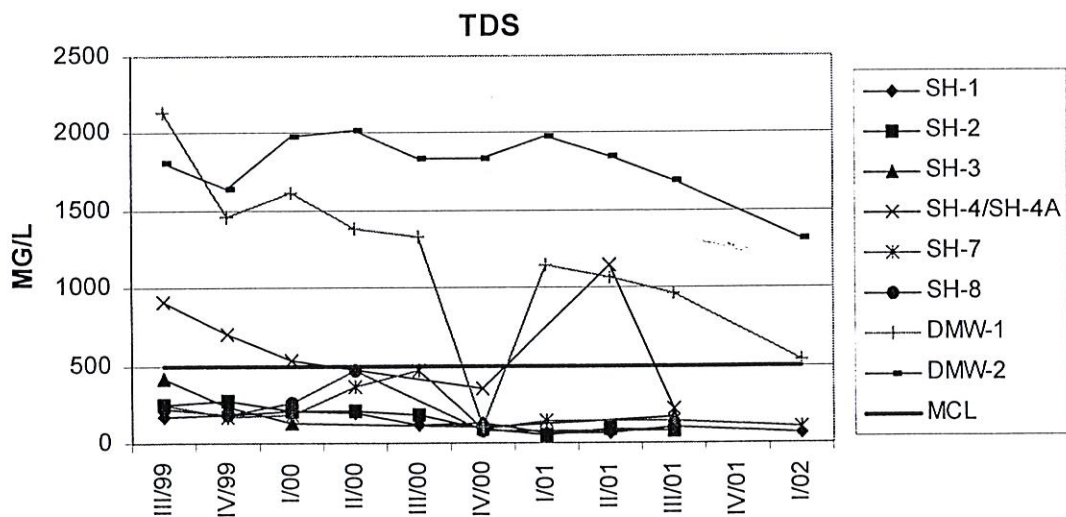
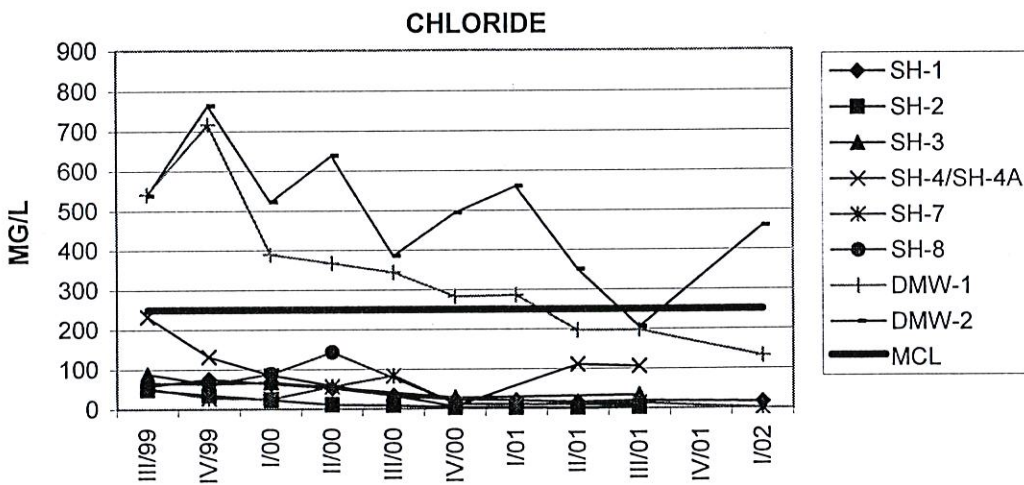
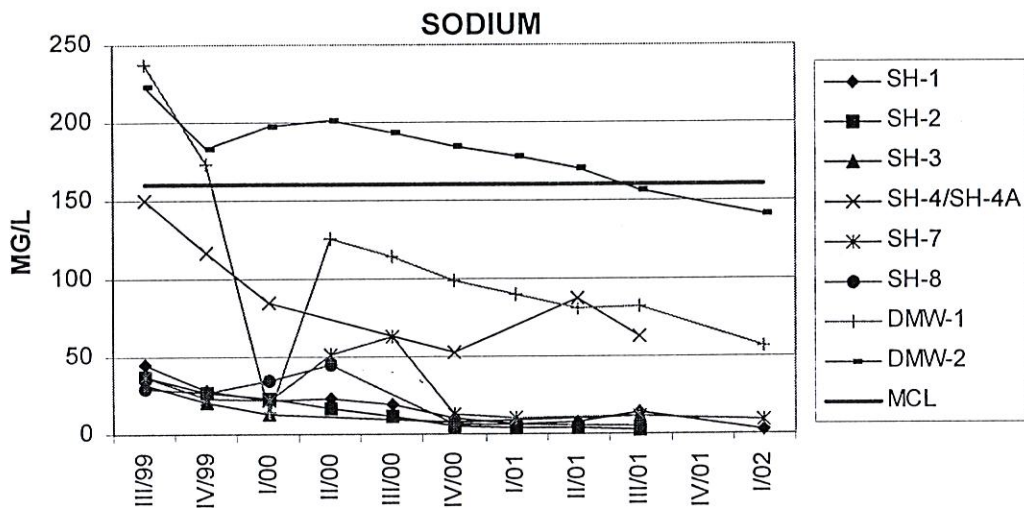
Ground water staff have produced trends for indicator parameters sodium, chloride, and total dissolved solids, which show marked improvement with the only current MCL exceedances at DMW-1 and 2 for total dissolved solids and DMW-2 for chloride (see attached charts and spread sheet).

Domestic Wastewater Compliance/Enforcement issues are yet to be concluded for the Shady Hills ZOD, and Watershed Ground Water staff will be providing further evaluation of previously proposed remedial actions in the near future.

Extension 421.



ATTACHMENT 1.  
**SHADY HILLS GROUND WATER**



ATTACHMENT 2  
SHADY HILLS WWTP GROUND WATER

Sodium	I/99	II/99	III/99	IV/99	I/00	II/00	III/00	IV/00	I/01	II/01	III/01	IV/01	I/02
SH-5A			98.1	93.2	96.3			84.7					
SHR-1	1.05	0.83	0.7	2.11	1.21	1.08	4.43	4.39			5.11	6.04	
SHR-2	3.36	3.44	2.49	2.36	2.79	2.96	2.99	3.2			2.45		
SHR-3	30.1	30.8	29.6	19.2	26.3	29.8	23.2	10.5			15.9	21.3	13.6
SH-1			44.3	28.6	21.3	23.2	18.9	10.8	5.91	7.37	14.1		2.96
SH-2			37.5	26.3	22.7	17	11.7	4.78	4.43	3.98	2.62		
SH-3			32	20.7	12.8			7.42			11.1		
SH-4/SH-4A			150	117	85.1			52.2		87.1	63		
SH-7			37.7	22.5	21.6	50.8	62.2	12.2	10.3		11.9		9.42
SH-8			29	27.4	34	45.3		6.7			5.23		
DMW-1			237	173	14.6	126	114	98.1	89.8	81.1	82.2		55.9
DMW-2			223	183	197	201	194	185	178	170	157		141

Chloride	I/99	II/99	III/99	IV/99	I/00	II/00	III/00	IV/00	I/01	II/01	III/01	IV/01	I/02
SH-5A			255	283	298			274					
SHR-1	2.75	1	1.37	2.44	3.45	1.52	5.68	9.46			4.16	1	
SHR-2	6.25	3.25	2.85	1.17	6.58	2.91	3.67	11.9			1.22		
SHR-3	85.3	80.1	84	50.4	75.2	86.3	63.8	21.3			35.8	39.6	12.9
SH-1			58	75.6	63.1	52	33.4	23.1	20.8	17	19.7		16.3
SH-2			48.7	35.1	23.2	11	9.34	3.5	2.77	1	2.98		
SH-3			88	63.2	67.7			28.3			33.5		
SH-4/SH-4A			233	132	85.4			6.54		111	106		
SH-7			53.2	27.8	25.6	56.4	83.7	12.1	10.4		13.9		1
SH-8			66.3	62.8	88.1	143		13			8.91		
DMW-1			542	717	390	367	344	283	286	197	198		132
DMW-2			538	764	522	638	386	494	561	350	206		460

TDS	I/99	II/99	III/99	IV/99	I/00	II/00	III/00	IV/00	I/01	II/01	III/01	IV/01	I/02
SH-5A			1160	770	1010			944					
SHR-1	37	26	30	15	38	41	35	50			43	76	
SHR-2	137	106	63	47	56	51	136	77			36		
SHR-3	285	322	276	280	482	320	250	132			162	166	82
SH-1			174	182	212	196	123	125	65	60	104		69
SH-2			242	276	204	210	182	93	52	87	81		
SH-3			412	232	128			110			168		
SH-4/SH-4A			910	700	540			346		1140	226		
SH-7			248	166	182	368	472	91	141		142		103
SH-8			222	178	266	464		73			75		
DMW-1			2130	1460	1620	1380	1330	106	1150	1072	970		536
DMW-2			1810	1640	1980	2020	1840	1830	1975	1850	1690		1320



## Pelz, Susan

---

**From:** Ford, Kim  
**Sent:** Friday, April 12, 2002 10:18 AM  
**To:** Fetrow, Chad  
**Cc:** Pelz, Susan  
**Subject:** FW: West Pasco LF's

For disposal units A-1 and SW-1, the certification of construction completion (for both) was approved to allow operation on March 21, 1991.

For disposal unit A-2, the certification of construction completion was approved to allow operation on December 19, 1996.

-----Original Message-----

**From:** Pelz, Susan  
**Sent:** Thursday, April 11, 2002 2:55 PM  
**To:** Ford, Kim  
**Cc:** Fetrow, Chad  
**Subject:** West Pasco LF's

Please email Chad Fetrow the dates that West Pasco Cells SW-1, A1 and A2 each began accepting waste. The date of approval of certification of construction completion is probably close enough if you can't find the actual dates they began receiving waste in those units.

Thanks

  
West Pasco LF's