

CENTRAL DISTRICT

To: Acme Recycling File

Through: Gloria DePradine
Solid Waste

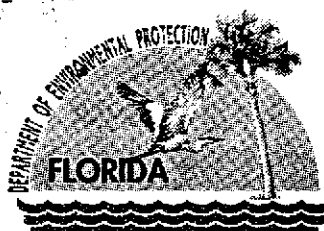
Through: Jim Bradner, P.E.

From: Saadia Qureshi

Date: August 15, 2003

Subject: Inspection

I visited the site on August 15, 2003. There was a significant amount of overgrowth noted, and the gate was locked. There was no access to the facility and it appeared that the facility was not in operation.



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

Mr. Royce Pipkins
P.O. Box 594
Plymouth, Florida 32768-0594

OCD-SW-03-0065

Orange County - SW
Acme Recycling, Inc.
Inspection Report

Dear Mr. Pipkins:

This letter is in regards to a routine inspection conducted by Department personnel on February 26, 2003, at the above-mentioned facility. At the time of inspection, the following was noted:

§ The facility gate was locked. The facility appeared to be closed for some time.

Please let the Department know in writing the status of the site. As stated in Rule 62-701.803 (10) and (11) Final cover and seeding or planting of vegetative cover shall be placed on each disposal unit within 180 days after final receipt of wastes. Final cover shall consist of a 24-inch-thick soil layer, the upper six inches of which shall be capable of supporting vegetation and shall be graded to eliminate ponding, promote drainage, and minimize erosion. The side slopes of all above-grade disposal areas shall be no greater than three feet horizontal to one-foot vertical rise. The owner or operator shall notify the Department within 30 days after closing, covering, and seeding the facility.

If you have any questions, please contact Saadia Qureshi at 407-893-3328. We look forward to hearing from you.

Sincerely,

Gloria-Jean De Pradine
Compliance & Enforcement Supervisor
Solid Waste

GJD/sq

Date

3/3/03

"More Protection, Less Process"

Printed on recycled paper.



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOLID WASTE MANAGEMENT FACILITY

INSPECTION CHECKLIST

Facility Name: Acme Recycling

WACS No. 24677 GMS I.D. Number (if available): _____

Inspection Date: 2/26/03 Permit No.: SO48-0143174-001 Expiration Date: 8/15/03

Facility Address : P.O. Box 594 (Plymouth Oaks Road)

City: Plymouth County: Orange Zip: 32768

Permittee or Operating Authority: Royce Pipkins

Telephone Number (Permittee or Operating Authority): 407-884-8283

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

Principal Inspector: Randall Cunningham / Saadia Qureshi

Other Participants: — none —

TYPE OF FACILITY (check all that apply):

Landfill: <input type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Class III	C&D Facility: <input type="checkbox"/> Disposal <input type="checkbox"/> Disposal w/Recycling <input checked="" type="checkbox"/> Land Clearing	Waste Processing Facility: <input type="checkbox"/> Transfer Station <input type="checkbox"/> C&D Recycling <input type="checkbox"/> Class III MRF <input type="checkbox"/> MSW MRF <input type="checkbox"/> Pulverizer/Shredder <input type="checkbox"/> Compactor/Baling <input type="checkbox"/> Other _____	Other Facilities: <input type="checkbox"/> Composting <input type="checkbox"/> WTE Facility <input type="checkbox"/> Incinerator/Trench Burner <input type="checkbox"/> Unauthorized Disposal <input type="checkbox"/> Other _____
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TYPE OF INSPECTION (check all that apply):

<input type="checkbox"/> Construction Completion <input checked="" type="checkbox"/> Operation <input type="checkbox"/> Closure <input type="checkbox"/> Long-Term Care	<input type="checkbox"/> Complaint Investigation <input checked="" type="checkbox"/> Routine Inspection <input type="checkbox"/> Reinspection <input type="checkbox"/> Facility File Review	<input type="checkbox"/> Other _____
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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)				✓
24.	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)				

50.	Water quality sampling and testing according to standard procedures and at required frequencies? 62-701.510(2)				
51.	Is there proper control, management or disposal of special wastes? 62-701.520				
52.	Are all specific conditions in the permit being followed? 62-701.320(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)		YES	NO	Unk	N/A
C. CLOSURE					
53.	Final cover installation according to approved design plans and does the present condition and function appear adequate? 62-701.600(5)(f)(2)				
54.	Gas pressures not interfering with or causing failure of the final cover? 62-701.530(1)(a)4.				
55.	Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(l)				
56.	All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
57.	Have a final survey or an as-built report with all survey monuments and other permanent markers for waste filled areas been received ? 62-701.610(2) & (3)				
58.	Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
59.	If waste is being relocated, is this performed according to the Department's requirements? 62-701.620(8)				
60.	Long term care performed adequately? 62-701.620				
61.	Financial assurance adequate? 62-701.630				
62.	Are cost estimates current and adjusted every year? 62-701.630(4)				

III. WASTE PROCESSING FACILITIES		YES	NO	Unk	N/A
A. OPERATION AND MAINTENANCE					
1.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				
2.	Are areas of the facility that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				
3.	Except for C&D Recyclers, is the facility designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water? 62-701.710(3)(b)				
4.	If the facility is a C&D Recycler, is it designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b)				
5.	Is an Operation and Maintenance Manual available at the facility and is it being followed? 62-701.710(4)(a)1.				
6.	Are there procedures available at the facility to handle unauthorized wastes? 62-701.710(4)(a)2.				
7.	Is a Contingency Plan available at the facility which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
8.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				
9.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				
10.	Are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				
11.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				
12.	Is a trained operator on duty whenever the facility is operating? 62-701.710(4)(c)1.				
13.	Is at least one trained spotter on duty at all times that waste is received at the facility to inspect the incoming waste? 62-701.710(4)(c)2.				
14.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				
15.	Is the facility operated to control objectionable odors? 62-701.710(4)(d)				
16.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
17.	Is access to the facility controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				
18.	Except for Transfer Stations, is financial assurance for the facility adequate? 62-701.710(7)(a)				

19. Exempt for Transfer Stations, are cost estimates current and adjusted as required? 62-701.710(7)(b)				
III. WASTE PROCESSING FACILITIES (CONTINUED)	YES	NO	Unk	N/A
A. OPERATION AND MAINTENANCE (CONTINUED)				
20. If the facility is a Transfer Station, is it exempt from providing financial assurance because it accepts primarily household waste, commercial waste or recovered materials and manages the waste on a first-in, first-out basis and stores waste for no greater than 7 days? 62-701.710(10)(a)				
21. Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				
22. Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				
23. If the facility is a C&D Recycler, is an Annual Report for the recycling operation submitted to the Department by April 1 of each year? 62-701.710(9)(b)				
24. Are all specific conditions in the permit being followed? 62-701.320(1)				
B. CLOSURE				
25. Are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
26. Are stored putrescible wastes managed in accordance with Rule 62-701.710(4)(b)? 62-701.710(6)(c)				
27. Has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				

IV. C&D DEBRIS FACILITIES	YES	NO	Unk	N/A
A. DISPOSAL				
1. Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				
2. Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.730(4)(b)				
3. Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
4. Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
5. Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
6. Is access to the facility properly controlled? 62-701.730(7)(c)				
7. Is a trained operator on duty at the facility at all times the facility is operating and are there a sufficient number of spotters on duty at the working face to inspect the incoming wastes at all times waste is being accepted? 62-701.730(7)(d)				
8. Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
9. Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
10. Are plastic buckets empty before disposal? 62-701.710(7)(g)				
11. Are the spotters or operators properly trained? 62-701.730(8)				
12. Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
13. Is financial assurance adequate? 62-701.730(11)(a)				
14. Are cost estimates current and adjusted as required? 62-701.730(11)(b)				
15. Are Annual Reports submitted to the Department for the disposal operation by April 1? 62-701.730(12)				
16. If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.730(14)				
17. Is the facility operated so that adverse environmental and public health impacts, such as blowing litter and vectors, are minimized? 62-701.730(18)				
18. Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M, prohibited from disposal at the facility? 62-701.730(19)				
19. Are all specific conditions in the permit for the disposal operation being followed? 62-701.320(1)				

IV. C&D DEBRIS FACILITIES (CONTINUED)		YES	NO	Unk	N/A
B. RECYCLING OPERATION AT A DISPOSAL FACILITY (if applicable)					
20.	Are Annual Reports submitted to the Department for the recycling operation by April 1? 62-701.730(12)				
21.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				
22.	Are areas of the recycling operation that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				
23.	Is the recycling operation designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b) and 62-701.730(4)(b)				
24.	Is an Operation and Maintenance Manual available for the recycling operation and is it being followed? 62-701.710(4)(a)1.				
25.	Are there procedures available at the recycling operation to handle unauthorized wastes? 62-701.710(4)(a)2.				
26.	Is a Contingency Plan available at the recycling operation which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
27.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				
28.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				
29.	If applicable, are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				
30.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				
31.	Is a trained operator on duty whenever the recycling operation is operating? 62-701.710(4)(c)1.				
32.	Is at least one trained spotter on duty at all times that waste is received at the recycling operation to inspect the incoming waste? 62-701.710(4)(c)2.				
33.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				
34.	Is the recycling operation operated to control objectionable odors? 62-701.710(4)(d)				
35.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
36.	Is access to the recycling operation controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				
37.	Is financial assurance for the facility adequate? 62-701.710(7)(a)				
38.	Are cost estimates current and adjusted as required? 62-701.710(7)(b)				
39.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				
40.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				
41.	If applicable, are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
42.	If applicable, has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				
43.	Are all specific conditions in the permit for the recycling operation being followed? 62-701.320(1)				
C. LAND CLEARING					
44.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)			✓	
45.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)			✓	
46.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)			✓	
47.	Is access to the facility properly controlled? 62-701.803(7)			✓	
48.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)			✓	
49.	Are areas of the facility requiring final cover properly closed? 62-701.803(10)			✓	
50.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.803(12)			✓	✓

V. OTHER SOLID WASTE FACILITIES		YES	NO	Unk	N/A
1.	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				<input checked="" type="checkbox"/>
2.	Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				

VI. NARRATIVE

Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

Upcoming permit renewal - permit expires 8/03

Arrived at the site at approx. 9:20AM - gates were locked - no one was at the site. There appeared to be no ^{new} activity since the last inspection.

Will send letter asking status of facility

Signed: _____

DEP Representative

2/26/03
Date

Received: _____

Site Representative

Date



Department of Environmental Protection

Jeb Bush
Governor

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

David B. Struhs
Secretary

Lee Pipkins
Acme Recycling
P.O. Box 594
Plymouth, FL 32768-0594

OCD-SW-02-0165

Acme Recycling -- Land Clearing Debris Site
Orange County - SW
Compliance Inspection

Dear Mr. Pipkins:

This letter is in regards to a routine compliance inspection conducted on March 7, 2002 by a representative of the Department. During the time of inspection, the facility was found to be in compliance with current solid waste rules.

Please be advised that Rule 62-701.803(8) requires that a trained spotter is on site while waste is being accepted at land clearing debris facilities. Spotters must be trained in accordance with 62-701.320(15) F.A.C. A copy of the TREEO training schedule is enclosed for your convenience. This training should be completed before or upon permit renewal.

A copy of the inspection is enclosed for your review. If you have any questions, please call Saadia Qureshi at 407-893-3328.

Sincerely,

Gloria-Jean De Pradine
Environmental Supervisor
Solid Waste

Date 3/17/02

Enclosure

GD/sq

"More Protection, Less Process"

Printed on recycled paper.



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOLID WASTE MANAGEMENT FACILITY
INSPECTION CHECKLIST

Facility Name: Acme Recycling

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

Inspection Date: 5/7/02 Permit No.: S048-143174-001 Expiration Date: 8/15/03

Facility Address: Plymouth-Sorrento Road

City: Plymouth County: Orange Zip: 32768

Permittee or Operating Authority: Mr. Pipkins

Telephone Number (Permittee or Operating Authority): _____

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

Principal Inspector: Saadia Qureshi, Randall Cunningham

Other Participants: Lee Pipkins

TYPE OF FACILITY (check all that apply):

Landfill:

- ☐ Class I
☐ Class II
☐ Class III

C&D Facility:

- ☐ Disposal
☐ Disposal w/Recycling
☒ Land Clearing

Waste Processing Facility:

- ☐ Transfer Station
☐ C&D Recycling
☐ Class III MRF
☐ MSW MRF
☐ Pulverizer/Shredder
☐ Compactor/Baling
☐ Other _____

Other Facilities:

- ☐ Composting
☐ WTE Facility
☐ Incinerator/Trench Burner
☐ Unauthorized Disposal
☐ Other _____

TYPE OF INSPECTION (check all that apply):

- ☐ Construction Completion
☒ Operation
☐ Closure
☐ Long-Term Care

- ☐ Complaint Investigation
☒ Routine Inspection
☐ Reinspection
☐ Facility File Review

☐ Other _____

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)				✓
24.	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)				
23.	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)				
25.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				
37.	Initial cover adequate to control birds, blowing wastes, disease vectors or fires? 62-701.500(7)(e)				
26.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				
27.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)				
28.	Litter controlled and litter control devices maintained? 62-701.500(7)(i) and (11)(f)				
29.	Adequate erosion control? 62-701.500(7)(j)				
30.	Is leachate sampled and tested as required? 62-701.500(8)(a) & 62-510(6)(c)				
31.	Leachate collection and removal system maintained and cleaned as required? 62-701.500(2)(j), 62-701.500(8)(b) & (h)				
32.	Leachate disposed of or treated as required? 62-701.500(8)(b), (c) and (d))				
33.	If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5)				
34.	Gas monitoring according to permit? 62-701.500(9) & 62-701.530(2)				
35.	Gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)				
36.	Gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)				
37.	Gas pressures not interfering with or causing failure of the liner or leachate control system? 62-701.530(1)(a)4.				
38.	Gas vents intact and functioning properly? 62-701.500(9) & 62-701.530(1)(a)3.				
39.	Mixing of leachate and stormwater prevented or minimized? 62-701.500(10) & 62-701.400(9)(c)				
40.	Peak discharge stormwater run-on to unclosed portions of the landfill prevented as required? 62-701.500(10), 62-701.400(9)(b)				
41.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)				
42.	Sufficient operating equipment? 62-701.500(11)(a)				
43.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				
44.	Adequate communication facilities? 62-701.500(11)(c)				
45.	Adequate approved dust control methods? 62-701.500(11)(d)				
46.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(e)				
47.	Required signs for operational directions and public information? 62-701.500(11)(g)				
48.	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)				
49.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(9)				
50.	Water quality sampling and testing according to standard procedures and at required frequencies? 62-701.510(2)				
51.	Is there proper control, management or disposal of special wastes? 62-701.520				
52.	Are all specific conditions in the permit being followed? 62-701.320(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)		YES	NO	Unk	N/A
C. CLOSURE					
53.	Final cover installation according to approved design plans and does the present condition and function appear adequate? 62-701.600(5)(f)(2)				
54.	Gas pressures not interfering with or causing failure of the final cover? 62-701.530(1)(a)4.				
55.	Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(l)				
56.	All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
57.	Have a final survey or an as-built report with all survey monuments and other permanent markers for waste filled areas been received ? 62-701.610(2) & (3)				
58.	Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
59.	If waste is being relocated, is this performed according to the Department's requirements? 62-701.620(8)				
60.	Long term care performed adequately? 62-701.620				
61.	Financial assurance adequate? 62-701.630				
62.	Are cost estimates current and adjusted every year? 62-701.630(4)				

III. WASTE PROCESSING FACILITIES		YES	NO	Unk	N/A
A. OPERATION AND MAINTENANCE					
1.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				
2.	Are areas of the facility that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				
3.	Except for C&D Recyclers, is the facility designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water? 62-701.710(3)(b)				
4.	If the facility is a C&D Recycler, is it designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b)				
5.	Is an Operation and Maintenance Manual available at the facility and is it being followed? 62-701.710(4)(a)1.				
6.	Are there procedures available at the facility to handle unauthorized wastes? 62-701.710(4)(a)2.				
7.	Is a Contingency Plan available at the facility which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
8.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				
9.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				
10.	Are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				
11.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				
12.	Is a trained operator on duty whenever the facility is operating? 62-701.710(4)(c)1.				
13.	Is at least one trained spotter on duty at all times that waste is received at the facility to inspect the incoming waste? 62-701.710(4)(c)2.				
14.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				
15.	Is the facility operated to control objectionable odors? 62-701.710(4)(d)				
16.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
17.	Is access to the facility controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				
18.	Except for Transfer Stations, is financial assurance for the facility adequate? 62-701.710(7)(a)				
19.	Except for Transfer Stations, are cost estimates current and adjusted as required? 62-701.710(7)(b)				

III. WASTE PROCESSING FACILITIES (CONTINUED)		YES	NO	Unk	N/A
A. OPERATION AND MAINTENANCE (CONTINUED)					
20.	If the facility is a Transfer Station, is it exempt from providing financial assurance because it accepts primarily household waste, commercial waste or recovered materials and manages the waste on a first-in, first-out basis and stores waste for no greater than 7 days? 62-701.710(10)(a)				
21.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				
22.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				
23.	If the facility is a C&D Recycler, is an Annual Report for the recycling operation submitted to the Department by April 1 of each year? 62-701.710(9)(b)				
24.	Are all specific conditions in the permit being followed? 62-701.320(1)				
B. CLOSURE					
25.	Are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
26.	Are stored putrescible wastes managed in accordance with Rule 62-701.710(4)(b)? 62-701.710(6)(c)				
27.	Has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				

IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
A. DISPOSAL					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				
2.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.730(4)(b)				
3.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
4.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
5.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
6.	Is access to the facility properly controlled? 62-701.730(7)(c)				
7.	Is a trained operator on duty at the facility at all times the facility is operating and are there a sufficient number of spotters on duty at the working face to inspect the incoming wastes at all times waste is being accepted? 62-701.730(7)(d)				
8.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
9.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
10.	Are plastic buckets empty before disposal? 62-701.710(7)(g)				
11.	Are the spotters or operators properly trained? 62-701.730(8)				
12.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
13.	Is financial assurance adequate? 62-701.730(11)(a)				
14.	Are cost estimates current and adjusted as required? 62-701.730(11)(b)				
15.	Are Annual Reports submitted to the Department for the disposal operation by April 1? 62-701.730(12)				
16.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.730(14)				
17.	Is the facility operated so that adverse environmental and public health impacts, such as blowing litter and vectors, are minimized? 62-701.730(18)				
18.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M, prohibited from disposal at the facility? 62-701.730(19)				
19.	Are all specific conditions in the permit for the disposal operation being followed? 62-701.320(1)				

IV. C&D DEBRIS FACILITIES (CONTINUED)		YES	NO	Unk	N/A
B. RECYCLING OPERATION AT A DISPOSAL FACILITY (if applicable)					
20.	Are Annual Reports submitted to the Department for the recycling operation by April 1? 62-701.730(12)				
21.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				
22.	Are areas of the recycling operation that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				
23.	Is the recycling operation designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b) and 62-701.730(4)(b)				
24.	Is an Operation and Maintenance Manual available for the recycling operation and is it being followed? 62-701.710(4)(a)1.				
25.	Are there procedures available at the recycling operation to handle unauthorized wastes? 62-701.710(4)(a)2.				
26.	Is a Contingency Plan available at the recycling operation which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
27.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				
28.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				
29.	If applicable, are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				
30.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				
31.	Is a trained operator on duty whenever the recycling operation is operating? 62-701.710(4)(c)1.				
32.	Is at least one trained spotter on duty at all times that waste is received at the recycling operation to inspect the incoming waste? 62-701.710(4)(c)2.				
33.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				
34.	Is the recycling operation operated to control objectionable odors? 62-701.710(4)(d)				
35.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
36.	Is access to the recycling operation controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				
37.	Is financial assurance for the facility adequate? 62-701.710(7)(a)				
38.	Are cost estimates current and adjusted as required? 62-701.710(7)(b)				
39.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				
40.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				
41.	If applicable, are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
42.	If applicable, has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				
43.	Are all specific conditions in the permit for the recycling operation being followed? 62-701.320(1)				
C. LAND CLEARING					
44.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)	✓			
45.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)	✓			
46.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)	✓			
47.	Is access to the facility properly controlled? 62-701.803(7)	✓			
48.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)	✓			
49.	Are areas of the facility requiring final cover properly closed? 62-701.803(10)	✓			
50.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.803(12)				✓

V. OTHER SOLID WASTE FACILITIES		YES	NO	Unk
1.	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)			
2.	Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)			

VI. NARRATIVE

Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

Lee Pipteris Spetter.

No unauthorized waste noted

Signed:

[Signature]
DEP Representative

1/5/7/02
Date

Received:

Site Representative

Date



Department of Environmental Protection

Jeb Bush
Governor

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

David B. Struhs
Secretary

Lee Pipkins
Acme Recycling
P.O. Box 594
Plymouth, FL 32768-0594

OCD-SW-02-0458

Acme Recycling – Land Clearing Debris Site
Orange County - SW
Compliance Inspection

Dear Mr. Pipkins:

This letter is in regards to a routine compliance inspection conducted on December 19, 2002 by representatives of the Department. During the time of inspection, the facility was found to be in compliance with current solid waste rules.

A copy of the inspection is enclosed for your review. If you have any questions, please call Saadia Qureshi at 407-893-3328.

Sincerely,

Gloria-Jean De Pradine
Environmental Supervisor
Solid Waste Section

Date 12/26/02

Enclosure

GD/sq



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION SOLID WASTE MANAGEMENT FACILITY INSPECTION CHECKLIST

Facility Name: Acme Recycling

WACS No. 24677 GMS I.D. Number (if available): _____

Inspection Date: 12/19/02 Permit No.: SO48-0143174-001 Expiration Date: 8/15/03

Facility Address : P.O. Box 594 (Plymouth Oaks Road)

City: Plymouth County: Orange Zip: 32768

Permittee or Operating Authority: Royce Pipkins

Telephone Number (Permittee or Operating Authority): 407-884-8283

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

Principal Inspector: Randall Cunningham

Other Participants: Saadia Dureshi

TYPE OF FACILITY (check all that apply):

Landfill: <input type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Class III	C&D Facility: <input type="checkbox"/> Disposal <input type="checkbox"/> Disposal w/Recycling <input checked="" type="checkbox"/> Land Clearing	Waste Processing Facility: <input type="checkbox"/> Transfer Station <input type="checkbox"/> C&D Recycling <input type="checkbox"/> Class III MRF <input type="checkbox"/> MSW MRF <input type="checkbox"/> Pulverizer/Shredder <input type="checkbox"/> Compactor/Baling <input type="checkbox"/> Other _____	Other Facilities: <input type="checkbox"/> Composting <input type="checkbox"/> WTE Facility <input type="checkbox"/> Incinerator/Trench Burner <input type="checkbox"/> Unauthorized Disposal <input type="checkbox"/> Other _____
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TYPE OF INSPECTION (check all that apply):

<input type="checkbox"/> Construction Completion <input checked="" type="checkbox"/> Operation <input type="checkbox"/> Closure <input type="checkbox"/> Long-Term Care	<input type="checkbox"/> Complaint Investigation <input checked="" type="checkbox"/> Routine Inspection <input type="checkbox"/> Reinspection <input type="checkbox"/> Facility File Review	<input type="checkbox"/> Other _____
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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)				✓
24.	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)				

50.	Water quality sampling and testing according to standard procedures and at required frequencies? 62-701.510(2)				
51.	Is there proper control, management or disposal of special wastes? 62-701.520				
52.	Are all specific conditions in the permit being followed? 62-701.320(1)				
II. CLASS I, II & III LANDFILLS (CONTINUED)		YES	NO	Unk	N/A
C. CLOSURE					
53.	Final cover installation according to approved design plans and does the present condition and function appear adequate? 62-701.600(5)(f)(2)				
54.	Gas pressures not interfering with or causing failure of the final cover? 62-701.530(1)(a)4.				
55.	Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(l)				
56.	All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
57.	Have a final survey or an as-built report with all survey monuments and other permanent markers for waste filled areas been received ? 62-701.610(2) & (3)				
58.	Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
59.	If waste is being relocated, is this performed according to the Department's requirements? 62-701.620(8)				
60.	Long term care performed adequately? 62-701.620				
61.	Financial assurance adequate? 62-701.630				
62.	Are cost estimates current and adjusted every year? 62-701.630(4)				

III. WASTE PROCESSING FACILITIES		YES	NO	Unk	N/A
A. OPERATION AND MAINTENANCE					
1.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				
2.	Are areas of the facility that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				
3.	Except for C&D Recyclers, is the facility designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water? 62-701.710(3)(b)				
4.	If the facility is a C&D Recycler, is it designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b)				
5.	Is an Operation and Maintenance Manual available at the facility and is it being followed? 62-701.710(4)(a)1.				
6.	Are there procedures available at the facility to handle unauthorized wastes? 62-701.710(4)(a)2.				
7.	Is a Contingency Plan available at the facility which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
8.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				
9.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				
10.	Are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				
11.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				
12.	Is a trained operator on duty whenever the facility is operating? 62-701.710(4)(c)1.				
13.	Is at least one trained spotter on duty at all times that waste is received at the facility to inspect the incoming waste? 62-701.710(4)(c)2.				
14.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				
15.	Is the facility operated to control objectionable odors? 62-701.710(4)(d)				
16.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
17.	Is access to the facility controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				
18.	Except for Transfer Stations, is financial assurance for the facility adequate? 62-701.710(7)(a)				

19.	Except for Transfer Stations, are cost estimates current and adjusted as required? 62-701.710(7)(b)				
III. WASTE PROCESSING FACILITIES (CONTINUED)		YES	NO	Unk	N/A
A. OPERATION AND MAINTENANCE (CONTINUED)					
20.	If the facility is a Transfer Station, is it exempt from providing financial assurance because it accepts primarily household waste, commercial waste or recovered materials and manages the waste on a first-in, first-out basis and stores waste for no greater than 7 days? 62-701.710(10)(a)				
21.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				
22.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				
23.	If the facility is a C&D Recycler, is an Annual Report for the recycling operation submitted to the Department by April 1 of each year? 62-701.710(9)(b)				
24.	Are all specific conditions in the permit being followed? 62-701.320(1)				
B. CLOSURE					
25.	Are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
26.	Are stored putrescible wastes managed in accordance with Rule 62-701.710(4)(b)? 62-701.710(6)(c)				
27.	Has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				

IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
A. DISPOSAL					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				
2.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.730(4)(b)				
3.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
4.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
5.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
6.	Is access to the facility properly controlled? 62-701.730(7)(c)				
7.	Is a trained operator on duty at the facility at all times the facility is operating and are there a sufficient number of spotters on duty at the working face to inspect the incoming wastes at all times waste is being accepted? 62-701.730(7)(d)				
8.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
9.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
10.	Are plastic buckets empty before disposal? 62-701.710(7)(g)				
11.	Are the spotters or operators properly trained? 62-701.730(8)				
12.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
13.	Is financial assurance adequate? 62-701.730(11)(a)				
14.	Are cost estimates current and adjusted as required? 62-701.730(11)(b)				
15.	Are Annual Reports submitted to the Department for the disposal operation by April 1? 62-701.730(12)				
16.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.730(14)				
17.	Is the facility operated so that adverse environmental and public health impacts, such as blowing litter and vectors, are minimized? 62-701.730(18)				
18.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M, prohibited from disposal at the facility? 62-701.730(19)				
19.	Are all specific conditions in the permit for the disposal operation being followed? 62-701.320(1)				

IV. C&D DEBRIS FACILITIES (CONTINUED)		YES	NO	Unk	N/A
B. RECYCLING OPERATION AT A DISPOSAL FACILITY (if applicable)					
20.	Are Annual Reports submitted to the Department for the recycling operation by April 1? 62-701.730(12)				
21.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				
22.	Are areas of the recycling operation that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				
23.	Is the recycling operation designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b) and 62-701.730(4)(b)				
24.	Is an Operation and Maintenance Manual available for the recycling operation and is it being followed? 62-701.710(4)(a)1.				
25.	Are there procedures available at the recycling operation to handle unauthorized wastes? 62-701.710(4)(a)2.				
26.	Is a Contingency Plan available at the recycling operation which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
27.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				
28.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				
29.	If applicable, are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				
30.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				
31.	Is a trained operator on duty whenever the recycling operation is operating? 62-701.710(4)(c)1.				
32.	Is at least one trained spotter on duty at all times that waste is received at the recycling operation to inspect the incoming waste? 62-701.710(4)(c)2.				
33.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				
34.	Is the recycling operation operated to control objectionable odors? 62-701.710(4)(d)				
35.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
36.	Is access to the recycling operation controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				
37.	Is financial assurance for the facility adequate? 62-701.710(7)(a)				
38.	Are cost estimates current and adjusted as required? 62-701.710(7)(b)				
39.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				
40.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				
41.	If applicable, are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
42.	If applicable, has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				
43.	Are all specific conditions in the permit for the recycling operation being followed? 62-701.320(1)				
C. LAND CLEARING					
44.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)	✓			
45.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)	✓			
46.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)	✓			
47.	Is access to the facility properly controlled? 62-701.803(7)	✓			
48.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8) <i>* in house trained</i>	✓			
49.	Are areas of the facility requiring final cover properly closed? 62-701.803(10)	✓			
50.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.803(12)	✓			✓

V. OTHER SOLID WASTE FACILITIES		YES	NO	Unk	N/A
1.	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				<input checked="" type="checkbox"/>
2.	Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)		<input checked="" type="checkbox"/>		

VI. NARRATIVE

Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

Facility gates were locked, no one on site -
no non-compliance issues noted from gate.

Signed: [Signature] 11/29/22
DEP Representative Date

Received: 1
Site Representative Date



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOLID WASTE MANAGEMENT FACILITY
INSPECTION CHECKLIST

Facility Name: Acme Recycling

WACS No. 24677 GMS I.D. Number (if available): _____

Inspection Date: 7/18/02 Permit No.: SO48-0143174-001 Expiration Date: 8/15/03

Facility Address : P.O. Box 594 (Plymouth Oaks Road)

City: Plymouth County: Orange Zip: 32768

Permittee or Operating Authority: Royce Pipkins

Telephone Number (Permittee or Operating Authority): 407-884-8283

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

Principal Inspector: Randall Cunningham

Other Participants: Lee Pipkins

TYPE OF FACILITY (check all that apply):

Landfill:

☐ Class I
☐ Class II
☐ Class III

C&D Facility:

☐ Disposal
☐ Disposal w/Recycling
☒ Land Clearing

Waste Processing Facility:

☐ Transfer Station
☐ C&D Recycling
☐ Class III MRF
☐ MSW MRF
☐ Pulverizer/Shredder
☐ Compactor/Baling
☐ Other _____

Other Facilities:

☐ Composting
☐ WTE Facility
☐ Incinerator/Trench Burner
☐ Unauthorized Disposal
☐ Other _____

TYPE OF INSPECTION (check all that apply):

☐ Construction Completion
☒ Operation
☐ Closure
☐ Long-Term Care

☐ Complaint Investigation
☒ Routine Inspection
☐ Reinspection
☐ Facility File Review

☐ Other _____

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)				✓
24.	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)				

50.	Water quality sampling and testing according to standard procedures and at required frequencies? 62-701.510(2)				
51.	Is there proper control, management or disposal of special wastes? 62-701.520				
52.	Are all specific conditions in the permit being followed? 62-701.320(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)		YES	NO	Unk	N/A
C. <u>CLOSURE</u>					
53.	Final cover installation according to approved design plans and does the present condition and function appear adequate? 62-701.600(5)(f)(2)				
54.	Gas pressures not interfering with or causing failure of the final cover? 62-701.530(1)(a)4.				
55.	Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(l)				
56.	All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
57.	Have a final survey or an as-built report with all survey monuments and other permanent markers for waste filled areas been received? 62-701.610(2) & (3)				
58.	Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
59.	If waste is being relocated, is this performed according to the Department's requirements? 62-701.620(8)				
60.	Long term care performed adequately? 62-701.620				
61.	Financial assurance adequate? 62-701.630				
62.	Are cost estimates current and adjusted every year? 62-701.630(4)				

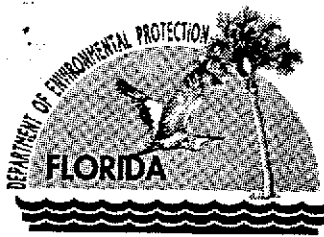
III. WASTE PROCESSING FACILITIES		YES	NO	Unk	N/A
A. <u>OPERATION AND MAINTENANCE</u>					
1.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				
2.	Are areas of the facility that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				
3.	Except for C&D Recyclers, is the facility designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water? 62-701.710(3)(b)				
4.	If the facility is a C&D Recycler, is it designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b)				
5.	Is an Operation and Maintenance Manual available at the facility and is it being followed? 62-701.710(4)(a)1.				
6.	Are there procedures available at the facility to handle unauthorized wastes? 62-701.710(4)(a)2.				
7.	Is a Contingency Plan available at the facility which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
8.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				
9.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				
10.	Are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				
11.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				
12.	Is a trained operator on duty whenever the facility is operating? 62-701.710(4)(c)1.				
13.	Is at least one trained spotter on duty at all times that waste is received at the facility to inspect the incoming waste? 62-701.710(4)(c)2.				
14.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				
15.	Is the facility operated to control objectionable odors? 62-701.710(4)(d)				
16.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
17.	Is access to the facility controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				
18.	Except for Transfer Stations, is financial assurance for the facility adequate? 62-701.710(7)(a)				

19. Except for Transfer Stations, are cost estimates current and adjusted as required? 62-701.710(7)(b)				
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III. WASTE PROCESSING FACILITIES (CONTINUED)				
A. OPERATION AND MAINTENANCE (CONTINUED)				
	YES	NO	Unk	N/A
20. If the facility is a Transfer Station, is it exempt from providing financial assurance because it accepts primarily household waste, commercial waste or recovered materials and manages the waste on a first-in, first-out basis and stores waste for no greater than 7 days? 62-701.710(10)(a)				
21. Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				
22. Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				
23. If the facility is a C&D Recycler, is an Annual Report for the recycling operation submitted to the Department by April 1 of each year? 62-701.710(9)(b)				
24. Are all specific conditions in the permit being followed? 62-701.320(1)				
B. CLOSURE				
25. Are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
26. Are stored putrescible wastes managed in accordance with Rule 62-701.710(4)(b)? 62-701.710(6)(c)				
27. Has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				

IV. C&D DEBRIS FACILITIES				
A. DISPOSAL				
	YES	NO	Unk	N/A
1. Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				
2. Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.730(4)(b)				
3. Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
4. Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
5. Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
6. Is access to the facility properly controlled? 62-701.730(7)(c)				
7. Is a trained operator on duty at the facility at all times the facility is operating and are there a sufficient number of spotters on duty at the working face to inspect the incoming wastes at all times waste is being accepted? 62-701.730(7)(d)				
8. Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
9. Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
10. Are plastic buckets empty before disposal? 62-701.710(7)(g)				
11. Are the spotters or operators properly trained? 62-701.730(8)				
12. Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
13. Is financial assurance adequate? 62-701.730(11)(a)				
14. Are cost estimates current and adjusted as required? 62-701.730(11)(b)				
15. Are Annual Reports submitted to the Department for the disposal operation by April 1? 62-701.730(12)				
16. If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.730(14)				
17. Is the facility operated so that adverse environmental and public health impacts, such as blowing litter and vectors, are minimized? 62-701.730(18)				
18. Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M, prohibited from disposal at the facility? 62-701.730(19)				
19. Are all specific conditions in the permit for the disposal operation being followed? 62-701.320(1)				

IV. C&D DEBRIS FACILITIES (CONTINUED)		YES	NO	Unk	N/A
B. RECYCLING OPERATION AT A DISPOSAL FACILITY (if applicable)					
20.	Are Annual Reports submitted to the Department for the recycling operation by April 1? 62-701.730(12)				
21.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				
22.	Are areas of the recycling operation that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				
23.	Is the recycling operation designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b) and 62-701.730(4)(b)				
24.	Is an Operation and Maintenance Manual available for the recycling operation and is it being followed? 62-701.710(4)(a)1.				
25.	Are there procedures available at the recycling operation to handle unauthorized wastes? 62-701.710(4)(a)2.				
26.	Is a Contingency Plan available at the recycling operation which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
27.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				
28.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				
29.	If applicable, are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				
30.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				
31.	Is a trained operator on duty whenever the recycling operation is operating? 62-701.710(4)(c)1.				
32.	Is at least one trained spotter on duty at all times that waste is received at the recycling operation to inspect the incoming waste? 62-701.710(4)(c)2.				
33.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				
34.	Is the recycling operation operated to control objectionable odors? 62-701.710(4)(d)				
35.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
36.	Is access to the recycling operation controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				
37.	Is financial assurance for the facility adequate? 62-701.710(7)(a)				
38.	Are cost estimates current and adjusted as required? 62-701.710(7)(b)				
39.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				
40.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				
41.	If applicable, are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
42.	If applicable, has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				
43.	Are all specific conditions in the permit for the recycling operation being followed? 62-701.320(1)				
C. LAND CLEARING					
44.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)	✓			
45.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)	✓			
46.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)	✓			
47.	Is access to the facility properly controlled? 62-701.803(7)	✓			
48.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)	✓			
49.	Are areas of the facility requiring final cover properly closed? 62-701.803(10)	✓			
50.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.803(12)	✓			



Jeb Bush
Governor

Department of
Environmental Protection

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

David B. Struhs
Secretary

Lee Pipkins
Acme Recycling
P.O. Box 594
Plymouth, FL 32768-0594

OCD-SW-02-0089

Acme Recycling – Land Clearing Debris Site
Orange County - SW
Compliance Inspection

Dear Mr. Pipkins:

This letter is in regards to a routine compliance inspection conducted on March 21, 2002 by a representative of the Department. During the time of inspection, the facility was found to be in compliance with current solid waste rules.

Please be advised that Rule 62-701.803(8) requires that a trained spotter is on site while waste is being accepted at land clearing debris facilities. Spotters must be trained in accordance with 62-701.320(15) F.A.C.

A copy of the inspection is enclosed for your review. If you have any questions, please call Saadia Qureshi at 407-893-3328.

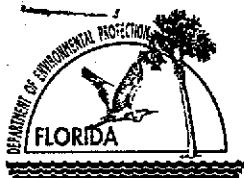
Sincerely,

Gloria-Jean De Pradine
Environmental Supervisor
Solid Waste

Date 4/15/02

Enclosure

GD/sq



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOLID WASTE MANAGEMENT FACILITY
INSPECTION CHECKLIST

Facility Name: Acme Recycling

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

Inspection Date: 3/21/02 Permit No.: _____ Expiration Date: _____

Facility Address : _____

City: _____ County: Orange Zip: _____

Permittee or Operating Authority: Lee Pipkins

Telephone Number (Permittee or Operating Authority): 407-884-8283

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

Principal Inspector: Saadia Aureshi + Randall Cunningham

Other Participants: Lee Pipkins

TYPE OF FACILITY (check all that apply):

Landfill:	C&D Facility:	Waste Processing Facility:	Other Facilities:
<input 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 type="checkbox"/> Class III	<input checked="" 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 type="checkbox"/> Other _____
		<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 checked="" 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)				✓
24.	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)				
23.	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)				
25.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				
37.	Initial cover adequate to control birds, blowing wastes, disease vectors or fires? 62-701.500(7)(e)				
26.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				
27.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)				
28.	Litter controlled and litter control devices maintained? 62-701.500(7)(i) and (11)(f)				
29.	Adequate erosion control? 62-701.500(7)(j)				
30.	Is leachate sampled and tested as required? 62-701.500(8)(a) & 62-510(6)(c)				
31.	Leachate collection and removal system maintained and cleaned as required? 62-701.500(2)(j), 62-701.500(8)(b) & (h)				
32.	Leachate disposed of or treated as required? 62-701.500(8)(b), (c) and (d)				
33.	If leachate recirculation is practiced at the facility, is it done in accordance with Department requirements and the Operation Plan? 62-701.400(5)				
34.	Gas monitoring according to permit? 62-701.500(9) & 62-701.530(2)				
35.	Gas controlled to not cause objectionable odors beyond the property boundary? 62-701.530(3)(b)				
36.	Gas controlled to not allow combustible gas concentrations to exceed specified limits? 62-701.530(3)(a)				
37.	Gas pressures not interfering with or causing failure of the liner or leachate control system? 62-701.530(1)(a)4.				
38.	Gas vents intact and functioning properly? 62-701.500(9) & 62-701.530(1)(a)3.				
39.	Mixing of leachate and stormwater prevented or minimized? 62-701.500(10) & 62-701.400(9)(c)				
40.	Peak discharge stormwater run-on to unclosed portions of the landfill prevented as required? 62-701.500(10), 62-701.400(9)(b)				
41.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)				
42.	Sufficient operating equipment? 62-701.500(11)(a)				
43.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				
44.	Adequate communication facilities? 62-701.500(11)(c)				
45.	Adequate approved dust control methods? 62-701.500(11)(d)				
46.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(e)				
47.	Required signs for operational directions and public information? 62-701.500(11)(g)				
48.	Are all-weather access roads and inside perimeter roads properly maintained? 62-701.500(12)				
49.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(9)				
50.	Water quality sampling and testing according to standard procedures and at required frequencies? 62-701.510(2)				
51.	Is there proper control, management or disposal of special wastes? 62-701.520				
52.	Are all specific conditions in the permit being followed? 62-701.320(1)				

II. CLASS I, II & III LANDFILLS (CONTINUED)		YES	NO	Unk	N/A
C. CLOSURE					
53.	Final cover installation according to approved design plans and does the present condition and function appear adequate? 62-701.600(5)(f)(2)				
54.	Gas pressures not interfering with or causing failure of the final cover? 62-701.530(1)(a)4.				
55.	Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(II)				
56.	All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
57.	Have a final survey or an as-built report with all survey monuments and other permanent markers for waste filled areas been received? 62-701.610(2) & (3)				
58.	Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
59.	If waste is being relocated, is this performed according to the Department's requirements? 62-701.620(8)				
60.	Long term care performed adequately? 62-701.620				
61.	Financial assurance adequate? 62-701.630				
62.	Are cost estimates current and adjusted every year? 62-701.630(4)				

III. WASTE PROCESSING FACILITIES		YES	NO	Unk	N/A
A. OPERATION AND MAINTENANCE					
1.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				
2.	Are areas of the facility that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				
3.	Except for C&D Recyclers, is the facility designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water? 62-701.710(3)(b)				
4.	If the facility is a C&D Recycler, is it designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b)				
5.	Is an Operation and Maintenance Manual available at the facility and is it being followed? 62-701.710(4)(a)1.				
6.	Are there procedures available at the facility to handle unauthorized wastes? 62-701.710(4)(a)2.				
7.	Is a Contingency Plan available at the facility which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
8.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				
9.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				
10.	Are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				
11.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				
12.	Is a trained operator on duty whenever the facility is operating? 62-701.710(4)(c)1.				
13.	Is at least one trained spotter on duty at all times that waste is received at the facility to inspect the incoming waste? 62-701.710(4)(c)2.				
14.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				
15.	Is the facility operated to control objectionable odors? 62-701.710(4)(d)				
16.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
17.	Is access to the facility controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				
18.	Except for Transfer Stations, is financial assurance for the facility adequate? 62-701.710(7)(a)				
19.	Except for Transfer Stations, are cost estimates current and adjusted as required? 62-701.710(7)(b)				

III. WASTE PROCESSING FACILITIES (CONTINUED)		YES	NO	Unk	N/A
A. OPERATION AND MAINTENANCE (CONTINUED)					
20.	If the facility is a Transfer Station, is it exempt from providing financial assurance because it accepts primarily household waste, commercial waste or recovered materials and manages the waste on a first-in, first-out basis and stores waste for no greater than 7 days? 62-701.710(10)(a)				
21.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				
22.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				
23.	If the facility is a C&D Recycler, is an Annual Report for the recycling operation submitted to the Department by April 1 of each year? 62-701.710(9)(b)				
24.	Are all specific conditions in the permit being followed? 62-701.320(1)				
B. CLOSURE					
25.	Are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
26.	Are stored putrescible wastes managed in accordance with Rule 62-701.710(4)(b)? 62-701.710(6)(c)				
27.	Has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				

IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
A. DISPOSAL					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				
2.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.730(4)(b)				
3.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
4.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
5.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
6.	Is access to the facility properly controlled? 62-701.730(7)(c)				
7.	Is a trained operator on duty at the facility at all times the facility is operating and are there a sufficient number of spotters on duty at the working face to inspect the incoming wastes at all times waste is being accepted? 62-701.730(7)(d)				
8.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
9.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
10.	Are plastic buckets empty before disposal? 62-701.710(7)(g)				
11.	Are the spotters or operators properly trained? 62-701.730(8)				
12.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
13.	Is financial assurance adequate? 62-701.730(11)(a)				
14.	Are cost estimates current and adjusted as required? 62-701.730(11)(b)				
15.	Are Annual Reports submitted to the Department for the disposal operation by April 1? 62-701.730(12)				
16.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.730(14)				
17.	Is the facility operated so that adverse environmental and public health impacts, such as blowing litter and vectors, are minimized? 62-701.730(18)				
18.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M, prohibited from disposal at the facility? 62-701.730(19)				
19.	Are all specific conditions in the permit for the disposal operation being followed? 62-701.320(1)				

IV. C&D DEBRIS FACILITIES (CONTINUED)		YES	NO	Unk	N/A
B. RECYCLING OPERATION AT A DISPOSAL FACILITY (if applicable)					
20.	Are Annual Reports submitted to the Department for the recycling operation by April 1? 62-701.730(12)				
21.	Do the tipping, processing, sorting, storage and compaction areas that are in an enclosed building or covered area have ventilation systems? 62-701.710(3)(a)				
22.	Are areas of the recycling operation that are not enclosed equipped with litter control devices and visual screening? 62-701.710(3)(a)				
23.	Is the recycling operation designed with a leachate control system to prevent discharge of leachate and mixing of leachate with stormwater, and to minimize the presence of standing water or are all areas where waste is stored or processed covered by an approved ground water monitoring program? 62-701.710(10)(b) and 62-701.730(4)(b)				
24.	Is an Operation and Maintenance Manual available for the recycling operation and is it being followed? 62-701.710(4)(a)1.				
25.	Are there procedures available at the recycling operation to handle unauthorized wastes? 62-701.710(4)(a)2.				
26.	Is a Contingency Plan available at the recycling operation which addresses operational interruptions and emergencies such as fires, explosions or natural disasters? 62-701.710(4)(a)3.				
27.	Are putrescible wastes not allowed to be stored unprocessed longer than 48 hours or longer than seven days if adequate vector and odor controls are provided? 62-701.710(4)(b)				
28.	Are areas where waste is stored or processed cleaned at least weekly to prevent odor and vector problems? 62-701.710(4)(b)				
29.	If applicable, are all drains and leachate conveyances kept clean so that leachate flow is not impeded? 62-701.710(4)(b)				
30.	Are the operating hours posted at the facility? 62-701.710(4)(c)1.				
31.	Is a trained operator on duty whenever the recycling operation is operating? 62-701.710(4)(c)1.				
32.	Is at least one trained spotter on duty at all times that waste is received at the recycling operation to inspect the incoming waste? 62-701.710(4)(c)2.				
33.	Are prohibited materials removed from the waste stream and placed into appropriate containers for disposal at a permitted facility? 62-701.710(4)(c)2.				
34.	Is the recycling operation operated to control objectionable odors? 62-701.710(4)(d)				
35.	Is adequate fire protection equipment available at all times? 62-701.710(4)(e)				
36.	Is access to the recycling operation controlled by fencing or other effective barriers to prevent disposal of unauthorized waste? 62-701.710(4)(f)				
37.	Is financial assurance for the facility adequate? 62-701.710(7)(a)				
38.	Are cost estimates current and adjusted as required? 62-701.710(7)(b)				
39.	Is stormwater controlled in accordance with Department requirements? 62-701.710(8)				
40.	Are adequate operational records available at the facility and maintained for at least three years? 62-701.710(9)(a)				
41.	If applicable, are all wastes removed or disposed of in accordance with the approved Closure Plan within 30 days of receiving the final solid waste shipment? 62-701.710(6)(c)				
42.	If applicable, has closure been completed within 180 days after receiving the final solid waste shipment? 62-701.710(6)(d)				
43.	Are all specific conditions in the permit for the recycling operation being followed? 62-701.320(1)				
C. LAND CLEARING					
44.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)	✓			
45.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)	✓			
46.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)	✓			
47.	Is access to the facility properly controlled? 62-701.803(7)	✓			
48.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)	✓			
49.	Are areas of the facility requiring final cover properly closed? 62-701.803(10)	✓			
50.	If an air curtain incinerator is also used at the facility, is it properly operated? 62-701.803(12)	✓			✓

V. OTHER SOLID WASTE FACILITY		YES	NO	Unk	N.A
1.	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				
2.	Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				

VI. NARRATIVE

Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

* No unauthorized waste noted except 2 tires -
will remove

* Some pile of L.C.D. & Clean debris waste noticed
on road to facility. (May Call Code-Enforcement/
Publicz works to clean up. ?)

Signed: _____

DEP Representative

3/21/02
Date

Received: _____

Site Representative

Date



Department of Environmental Protection

Jeb Bush
Governor

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

David B. Struhs
Secretary

Lee Pipkins
Acme Recycling
P.O. Box 594
Plymouth, FL 32768-0594

OCD-SW-01-0261

Acme Recycling – Land Clearing Debris Site
Orange County - SW
Compliance Inspection

Dear Mr. Pipkins:

This letter is in regards to a routine compliance inspection conducted on August 27, 2001 by a representative of the Department. During the time of inspection, the facility was found to be in compliance with current solid waste rules.

Please be advised that Rule 62-701.803(8) requires that a trained spotter is on site while waste is being accepted at land clearing debris facilities. Spotters must be trained in accordance with 62-701.320(15) F.A.C.

A copy of the inspection is enclosed for your review. If you have any questions, please call Saadia Qureshi at 407-893-3328.

Sincerely,

Gloria-Jean De Pradine
Environmental Supervisor
Solid Waste

Date 9/12/01

Enclosure

GD/sq



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOLID WASTE MANAGEMENT FACILITY
INSPECTION CHECKLIST

GMS I.D. No. _____ Facility Name: Arme Recycling
Inspection Date: 2/27/01 Permit No.: 8048-943174-001 Expiration Date: 8/15/03
Facility Address: P.O. Box 594 Plymouth 32768-0594
City: Plymouth County: Orange Zip: 32768
Permittee or Operating Authority: Ray Pipkins
Telephone Number (Permittee or Operating Authority): 407-984-8283

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

Principal Inspector: Saadia Qureshi, FDEP

Other Participants: Lee Pipkins

TYPE OF FACILITY

Landfill:

☐ Class I
☐ Class II
☐ Class III

C&D Facility:

☐ Disposal
☐ Recycler
☐ Land Clearing

Other Facilities:

☐ WTE Facility
☐ Transfer Station
☐ Incinerator/Trench Burner
☐ Materials Recovery Facility
☐ MSW ☐ Other Wastes

☐ Composting
☐ MSW Shredder
☐ Unauthorized Disposal
☐ Other _____

TYPE OF INSPECTION

☐ Construction Completion
☐ Operation
☐ Closure
☐ Post-Closure

☐ Complaint Investigation
☐ Reinspection
☐ Facility File Review

☐ Other _____

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		YES	NO	Unk	N/A
1.	Unauthorized disposal/storage prohibited in areas lacking geological support? 62-701.300(2)(a)	<input checked="" type="checkbox"/>			
2.	Unauthorized disposal/storage prohibited within 500' of a potable water well? 62-701.300(2)(c)	<input checked="" type="checkbox"/>			
3.	Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls? 62-701.300(2)(d)	<input checked="" type="checkbox"/>			
4.	Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(e)	<input checked="" type="checkbox"/>			
5.	Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(f)	<input checked="" type="checkbox"/>			
6.	Unauthorized disposal/storage prohibited within 200' of any natural or artificial body of water, including wetlands, except on-site water bodies with no off-site discharge? 62-701.300(2)(g)	<input checked="" type="checkbox"/>			
7.	Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(h)	<input checked="" type="checkbox"/>			

Department copy (white)
Facility copy (yellow)

I. SOLID WASTE PROHIBITIONS (CONTINUED)		YES	NO	Unk	N/A
8.	Unauthorized disposal/storage prohibited within 1000' of a potable water well serving a community water system? 62-701.300(2)(i)	✓			
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.	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 used oil disposal prohibited except in accordance with Department requirements? 62-701.300(8)(b)	✓			
15.	Is yard trash disposal prohibited except in accordance with Department requirements? 62-701.300(8)(c)	✓			
16.	Is white goods disposal prohibited? 62-701.300(8)(d)	✓			
17.	Is whole waste tire disposal prohibited except in accordance with Department requirements? 62-701.300(8)(e)	✓			
18.	Is the facility in compliance with the liquid restrictions on disposal? 62-701.300(10)	✓			

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.	Liners construction/installation according to plans? 62-701.400(3)				
3.	Leachate control system installation according to plans? 62-701.400(4)				
4.	Disposal units constructed at planned intervals? 62-701.400(2)				
5.	Gas control system installation according to plans? 62-701.400(10)(a)				
6.	Surface water management system construction according to plans? 62-701.400(9)				
7.	Ground water monitoring system constructed per approved plan? 62-701.510(2)				
8.	Leachate storage constructed according to plans? 62-701.400(6)				
9.	Liner quality assurance plan followed? 62-701.400(7)				
B. OPERATION AND MAINTENANCE					
10.	Trained operator on-site at Class I and III during operation? 62-701.500(1)				
11.	Approved operating plan and permit, operating and waste records maintained? 62-701.500(2), (3), (4), (13)				
12.	Gas monitoring according to permit? 62-701.400(10)(c) & 62-701.500(9)				
13.	Gas controlled to minimize off-site odors? 62-701.400(10)(a)				
14.	At least one spotter at each working face during operation at Class I and III? 62-701.500(1)				
15.	Load checking program implemented? 62-701.500(6)				
16.	Waste compaction as required? 62-701.500(7)(a)				
17.	All permit specific conditions complied with? 62-701.320(1)				
18.	Working face/grade above ground no greater than 3 to 1 rise? 62-701.500(7)(c)				
19.	Narrow working face practiced? 62-701.500(7)(d)				
20.	Only permitted waste types disposed of? 62-701.340(3), 62-701.500(6)(a)&(2)(c)				
21.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)				
22.	Required signs for operational directions and public information? 62-701.500(11)(h)				
23.	Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)				
24.	Method and sequence of filling waste according to plans? 62-701.500(2)(f)				
25.	Sufficient operating equipment? 62-701.500(11)(a)				
26.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				
27.	Adequate communication facilities? 62-701.500(11)(c)				
28.	Proper control or disposal of asbestos and other special wastes? 62-701.520(4)				
29.	Adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(4)(e)4				
30.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				

Department copy (white)
Facility copy (yellow)

II. CLASS I, II & III LANDFILLS		YES	NO	Unk	N/A
B. OPERATION AND MAINTENANCE (CONTINUED)					
31.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				
32.	Adequate erosion control? 62-701.500(7)(j)				
33.	Effective barrier to prevent unauthorized entry and dumping? 62-701.500(5)				
34.	Adequate vector control using approved methods? 62-701.500(7)(e)				
35.	Disposal area easily accessible? 62-701.500(12)				
36.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)				
37.	Adequate approved dust control methods? 62-701.500(11)(e)				
38.	Litter control maintained? 62-701.500(7)(i) and (11)g				
39.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(f)				
40.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(7)				
41.	Gas vents intact and functioning properly? 62-701.500(9)				
42.	Leachate control, collection and treatment as required? 62-701.500(8)				
C. WATER MANAGEMENT AND MONITORING					
43.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.510(2)				
44.	Mixing of leachate and storm water prevented or minimized? 62-701.400(9)(d)				
45.	Storm water run-on/runoff controlled, collected and treated as required? 62-701.400(9), 62-701.500(10)				
46.	Leachate sampling and testing as required? 62-701.500(8)				
D. CLOSURE					
47.	Final cover installation according to approved design plans and are the present condition and function adequate? 62-701.600(5)(f)(2)				
48.	Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(i)				
49.	All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
50.	Have final survey and as-built report with all survey monuments and other permanent markers been received? 62-701.610(2)				
51.	Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
52.	Long term care performed adequately? 62-701.620				
53.	Financial assurance adequate? 62-701.630				

III. TRANSFER STATIONS		YES	NO	Unk	N/A
1.	Are prohibited/unauthorized wastes not accepted at the transfer station and managed in accordance with the contingency plan? 62-701.801(4)(a)				
2.	Is an attendant on duty whenever the facility is operating? 62-701.801(4)(b)				
3.	Are the operating hours posted? 62-701.801(4)(b)				
4.	Are means available to prevent unauthorized access when the site is close? 62-701.801(4)(b)				
5.	Are litter, insects, odors and vectors adequately controlled? 62-701.801(4)(c)				
6.	Are wastes handled on a first-in, first-out basis to the extent practicable and storage areas cleaned in accordance with Department requirements? 62-701.801(4)(d)				
7.	Is drainage from cleaning areas discharged to sanitary sewers or the equivalent? 62-701.801(4)(d)				
8.	Is adequate fire protection available? 62-701.801(4)(e)				
9.	Are recovered materials clearly identified and stored in a safe, sanitary manner? 62-701.801(4)(f)				
10.	Are adequate operational records maintained? 62-701.801(4)(f) & (g)				
11.	Is stormwater controlled in accordance with Department requirements? 62-7-1.801(6)				

Department copy (white)
Facility copy (yellow)

IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
A. DISPOSAL					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				
2.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
3.	Is access to the facility properly controlled? 62-701.730(7)(c)				
4.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.730(7)(d)				
5.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
6.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
7.	Are the spotters or operators properly trained? 62-701.730(8)				
8.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
9.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
10.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
11.	Is financial assurance adequate? 62-701.730(11)				
12.	All permit specific conditions complied with? 62-701.320(1)				
13.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M prohibited from disposal at the facility? 62-701.730(19)				
14.	Are reporting requirements complied with? 62-701.730(12)				
B. RECYCLING					
15.	Is at least one spotter on duty at all times that wastes are received? 62-701.730(13)(b)1				
16.	Are prohibited materials removed from the waste stream and properly managed? 62-701.730(13)(b)1				
17.	Are the spotters or operators properly trained? 62-701.730(13)(b)2				
18.	Is financial assurance adequate? 62-701.730(13)(b)3				
19.	Are reporting requirements complied with? 62-701.730(13)(b)4				
20.	Is access to the facility properly controlled? 62-701.730(13)(b)5				
21.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(13)(b)5				
22.	Is leachate properly controlled or monitored? 62-701.730(13)(b)6				
23.	All permit specific conditions complied with? 62-701.320(1)				
24.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
C. LAND CLEARING					
25.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)	✓			
26.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)	✓			
27.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)	✓			
28.	Is access to the facility properly controlled? 62-701.803(7)	✓			
29.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)	✓			

V. MATERIAL RECOVERY FACILITIES		YES	NO	Unk	N/A
1.	All permit specific conditions complied with? 62-701.320(1)				
2.	Is leachate being properly managed? 62-701.700(2)(c) & (2)(e)				
3.	Are prohibited materials removed from the waste stream and properly managed? 62-701.700(3)(b)				
4.	Is stormwater controlled in accordance with Department requirements? 62-701.700(5)				
5.	Are wastes handled on a first-in first-out basis? 62-701.700(2)(g)				
6.	Is financial assurance adequate? 62-701.700(4)				
7.	Are fire detection and control methods available? 62-701.700(2)(b)3				

Department copy (white)
Facility copy (yellow)

VI. OTHER SOLID WASTE FACILITIES

	YES	NO	Unk	N/A
1. WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				
2. Shredding facility in compliance with all required conditions of operation? 62-701.320(1)				
3. Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				

VII. NARRATIVE

Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

- loader in repair
- no unauthorized waste noticed.

IN Compliance

Signed:

DER Representative

12/27/01
Date

Received:

Site Representative

2.27-01
Date

Department copy (white)
Facility copy (yellow)



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

Lee Pipkins
Acme Recycling
P.O. Box 594
Plymouth, FL 32768-0594

OCD-SW-00-0535

Acme Recycling – Land Clearing Debris Site
Orange County - SW
Compliance Inspection

Dear Mr. Pipkins:

This letter is in regards to a routine compliance inspection conducted on November 9, 2000 by representatives of the Department. During the time of inspection, the facility was found to be in compliance with current solid waste rules.

An area of concern was the small C&D waste that was found near the disposal area. Please be advised that such waste should be removed immediately.

A copy of the inspection is enclosed for your review. If you have any questions, please call Saadia Qureshi at 407-893-3328.

Sincerely,

Gloria-Jean De Pradine
Environmental Supervisor
Solid Waste

Date 12/4/00

Enclosure

GD/sq



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION SOLID WASTE MANAGEMENT FACILITY INSPECTION CHECKLIST

GMS I.D. No. _____ Facility Name: Acme Recycling
 Inspection Date: NOV 3, 2000 Permit No.: _____ Expiration Date: _____
 Facility Address: P.O. Box 594
 City: Apopka Plymouth County: Orange Zip: 32768-0594
 Permittee or Operating Authority: _____
 Telephone Number (Permittee or Operating Authority): _____

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

Principal Inspector: Shadia Qureshi & Randall Cunningham (FDEP)
 Other Participants: Lee Ripkins

TYPE OF FACILITY

Landfill: _____ C&D Facility: _____ Other Facilities: _____
 Class I _____ Disposal _____ WTE Facility _____ Composting _____
 Class II _____ Recycler _____ Transfer Station _____ MSW Shredder _____
 Class III _____ ☒ Land Clearing _____ Incinerator/Trench Burner _____ Unauthorized Disposal _____
 _____ Materials Recovery Facility _____ Other _____
 _____ MSW _____ Other Wastes _____

TYPE OF INSPECTION

Construction Completion _____ Complaint Investigation _____ Other _____
☒ Operation _____ Reinspection _____
 Closure _____ Facility File Review _____
 Post-Closure _____

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.

1. SOLID WASTE PROHIBITIONS	YES	NO	Unk	N/A
1. Unauthorized disposal/storage prohibited in areas lacking geological support? 62-701.300(2)(a)	X			
2. Unauthorized disposal/storage prohibited within 500' of a potable water well? 62-701.300(2)(c)	X			
3. Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls? 62-701.300(2)(d)	X			
4. Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(e)	X			
5. Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(f)	X			
6. Unauthorized disposal/storage prohibited within 200' of any natural or artificial body of water, including wetlands, except on-site water bodies with no off-site discharge? 62-701.300(2)(g)	X			
7. Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(h)	X			

Department copy (white)
 Facility copy (yellow)

I. SOLID WASTE PROHIBITIONS (CONTINUED)		YES	NO	Unk	N/A
8.	Unauthorized disposal/storage prohibited within 1000' of a potable water well serving a community water system? 62-701.300(2)(i)	X			
9.	Is open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	X			
10.	Is hazardous waste disposal prohibited? 62-701.300(4)	X			
11.	Is PCB disposal prohibited except in accordance with Department requirements? 62-701.300(5)	X			
12.	Is the known disposal of untreated biomedical waste prohibited? 62-701.300(6)	X			
13.	Is lead-acid battery disposal prohibited? 62-701.300(8)(a)	X			
14.	Is used oil disposal prohibited except in accordance with Department requirements? 62-701.300(8)(b)	X			
15.	Is yard trash disposal prohibited except in accordance with Department requirements? 62-701.300(8)(c)	X			
16.	Is white goods disposal prohibited? 62-701.300(8)(d)	X			
17.	Is whole waste tire disposal prohibited except in accordance with Department requirements? 62-701.300(8)(e)	X			
18.	Is the facility in compliance with the liquid restrictions on disposal? 62-701.300(10)	✓			

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.	Liners construction/installation according to plans? 62-701.400(3)				
3.	Leachate control system installation according to plans? 62-701.400(4)				
4.	Disposal units constructed at planned intervals? 62-701.400(2)				
5.	Gas control system installation according to plans? 62-701.400(10)(a)				
6.	Surface water management system construction according to plans? 62-701.400(9)				
7.	Ground water monitoring system constructed per approved plan? 62-701.510(2)				
8.	Leachate storage constructed according to plans? 62-701.400(6)				
9.	Liner quality assurance plan followed? 62-701.400(7)				
B. OPERATION AND MAINTENANCE					
10.	Trained operator on-site at Class I and III during operation? 62-701.500(1)				
11.	Approved operating plan and permit, operating and waste records maintained? 62-701.500(2), (3), (4), (13)				
12.	Gas monitoring according to permit? 62-701.400(10)(c) & 62-701.500(9)				
13.	Gas controlled to minimize off-site odors? 62-701.400(10)(a)				
14.	At least one spotter at each working face during operation at Class I and III ? 62-701.500(1)				
15.	Load checking program implemented? 62-701.500(6)				
16.	Waste compaction as required? 62-701.500(7)(a)				
17.	All permit specific conditions complied with? 62-701.320(1)				
18.	Working face/grade above ground no greater than 3 to 1 rise? 62-701.500(7)(c)				
19.	Narrow working face practiced? 62-701.500(7)(d)				
20.	Only permitted waste types disposed of? 62-701.340(3), 62-701.500(6)(a)&(2)(c)				
21.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)				
22.	Required signs for operational directions and public information? 62-701.500(11)(h)				
23.	Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)				
24.	Method and sequence of filling waste according to plans? 62-701.500(2)(f)				
25.	Sufficient operating equipment? 62-701.500(11)(a)				
26.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				
27.	Adequate communication facilities? 62-701.500(11)c				
28.	Proper control or disposal of asbestos and other special wastes? 62-701.520(4)				
29.	Adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(4)(e)4				
30.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				

Department copy (white)
Facility copy (yellow)

II. CLASS I, II & III LANDFILLS		YES	NO	Unk	N/A
B. OPERATION AND MAINTENANCE (CONTINUED)					
31.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				
32.	Adequate erosion control? 62-701.500(7)(j)				
33.	Effective barrier to prevent unauthorized entry and dumping? 62-701.500(5)				
34.	Adequate vector control using approved methods? 62-701.500(7)(e)				
35.	Disposal area easily accessible? 62-701.500(12)				
36.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)				
37.	Adequate approved dust control methods? 62-701.500(11)(e)				
38.	Litter control maintained? 62-701.500(7)(i) and (11)g				
39.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(f)				
40.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(7)				
41.	Gas vents intact and functioning properly? 62-701.500(9)				
42.	Leachate control, collection and treatment as required? 62-701.500(8)				
C. WATER MANAGEMENT AND MONITORING					
43.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.510(2)				
44.	Mixing of leachate and storm water prevented or minimized? 62-701.400(9)(d)				
45.	Storm water run-on/runoff controlled, collected and treated as required? 62-701.400(9), 62-701.500(10)				
46.	Leachate sampling and testing as required? 62-701.500(8)				
D. CLOSURE					
47.	Final cover installation according to approved design plans and are the present condition and function adequate? 62-701.600(5)(f)(2)				
48.	Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(i)				
49.	All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
50.	Have final survey and as-built report with all survey monuments and other permanent markers been received? 62-701.610(2)				
51.	Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
52.	Long term care performed adequately? 62-701.620				
53.	Financial assurance adequate? 62-701.630				

III. TRANSFER STATIONS		YES	NO	Unk	N/A
1.	Are prohibited/unauthorized wastes not accepted at the transfer station and managed in accordance with the contingency plan? 62-701.801(4)(a)				
2.	Is an attendant on duty whenever the facility is operating? 62-701.801(4)(b)				
3.	Are the operating hours posted? 62-701.801(4)(b)				
4.	Are means available to prevent unauthorized access when the site is close? 62-701.801(4)(b)				
5.	Are litter, insects, odors and vectors adequately controlled? 62-701.801(4)(c)				
6.	Are wastes handled on a first-in, first-out basis to the extent practicable and storage areas cleaned in accordance with Department requirements? 62-701.801(4)(d)				
7.	Is drainage from cleaning areas discharged to sanitary sewers or the equivalent? 62-701.801(4)(d)				
8.	Is adequate fire protection available? 62-701.801(4)(e)				
9.	Are recovered materials clearly identified and stored in a safe, sanitary manner? 62-701.801(4)(f)				
10.	Are adequate operational records maintained? 62-701.801(4)(f) & (g)				
11.	Is stormwater controlled in accordance with Department requirements? 62-7-1.801(6)				

Department copy (white)
Facility copy (yellow)

IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
A. DISPOSAL					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				
2.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
3.	Is access to the facility properly controlled? 62-701.730(7)(c)				
4.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.730(7)(d)				
5.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
6.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
7.	Are the spotters or operators properly trained? 62-701.730(8)				
8.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
9.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
10.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
11.	Is financial assurance adequate? 62-701.730(11)				
12.	All permit specific conditions complied with? 62-701.320(1)				
13.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M prohibited from disposal at the facility? 62-701.730(19)				
14.	Are reporting requirements complied with? 62-701.730(12)				
B. RECYCLING					
15.	Is at least one spotter on duty at all times that wastes are received? 62-701.730(13)(b)1				
16.	Are prohibited materials removed from the waste stream and properly managed? 62-701.730(13)(b)1				
17.	Are the spotters or operators properly trained? 62-701.730(13)(b)2				
18.	Is financial assurance adequate? 62-701.730(13)(b)3				
19.	Are reporting requirements complied with? 62-701.730(13)(b)4				
20.	Is access to the facility properly controlled? 62-701.730(13)(b)5				
21.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(13)(b)5				
22.	Is leachate properly controlled or monitored? 62-701.730(13)(b)6				
23.	All permit specific conditions complied with? 62-701.320(1)				
24.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
C. LAND CLEARING					
25.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)	X			
26.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8) <i>See comment</i>	X			
27.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)	X			
28.	Is access to the facility properly controlled? 62-701.803(7) <i>note</i>	X			
29.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)	X			

V. MATERIAL RECOVERY FACILITIES		YES	NO	Unk	N/A
1.	All permit specific conditions complied with? 62-701.320(1)				
2.	Is leachate being properly managed? 62-701.700(2)(c) & (2)(e)				
3.	Are prohibited materials removed from the waste stream and properly managed? 62-701.700(3)(b)				
4.	Is stormwater controlled in accordance with Department requirements? 62-701.700(5)				
5.	Are wastes handled on a first-in first-out basis? 62-701.700(2)(g)				
6.	Is financial assurance adequate? 62-701.700(4)				
7.	Are fire detection and control methods available? 62-701.700(2)(b)3				

Department copy (white)
Facility copy (yellow)

VI. OTHER SOLID WASTE FACILITIES				YES	NO	Unk	N/A
1. WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)							
2. Shredding facility in compliance with all required conditions of operation? 62-701.320(1)							
3. Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)							

VII. NARRATIVE

Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

one load of CTD waste found near disposal area.
 Pointed it out to Mr. Perkins & said it would
 be removed immediately.

Signed: _____

DEP Representative

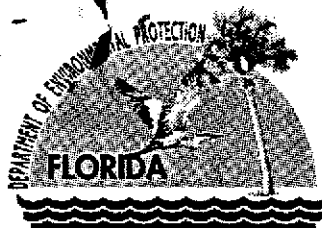
Date

Received: _____

Site Representative

Date

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 Facility copy (yellow)



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

Lee Pipkins
Acme Recycling
P.O. Box 594
Plymouth, FL 32768-0594

OCD-SW-00-0395

Acme Recycling – Land Clearing Debris Site
Orange County - SW
Compliance Inspection

Dear Mr. Pipkins:

This letter is in regards to a routine compliance inspection conducted by a representative of the Department. During the time of inspection, the facility was found to be in compliance with current solid waste rules.

A copy of the inspection is enclosed for your review. If you have any questions, please call Saadia Qureshi at 407-893-3328.

Sincerely,

James N. Bradner, P.E.
Solid Waste Program Manager

Date 8/24/2000

Enclosure

JNB/sq



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOLID WASTE MANAGEMENT FACILITY
INSPECTION CHECKLIST

GMS I.D. No. _____ Facility Name: Acme Recycling
Inspection Date: 8/16/00 Permit No.: S048 0143174-001 Expiration Date: 8/15/03
Facility Address: P.O. Box 594 (Plymouth Oaks Road) 1
City: Plymouth County: Orange Zip: 32768-0594
Permittee or Operating Authority: Royce Pipkins
Telephone Number (Permittee or Operating Authority): _____

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

Principal Inspector: Saadia Qureshi
Other Participants: Lee Pipkins

TYPE OF FACILITY

Landfill: _____ C&D Facility: _____ Other Facilities: _____
Class I _____ Disposal _____ WTE Facility _____ Composting _____
Class II _____ Recycler _____ Transfer Station _____ MSW Shredder _____
Class III _____ ☒ Land Clearing _____ Incinerator/Trench Burner _____ Unauthorized Disposal _____
_____ Materials Recovery Facility _____ Other _____
_____ MSW _____ Other Wastes _____

TYPE OF INSPECTION

Construction Completion _____ Complaint Investigation _____ Other _____
☒ Operation _____ Reinspection _____
Closure _____ Facility File Review _____
Post-Closure _____

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	YES	NO	Unk	N/A
1. Unauthorized disposal/storage prohibited in areas lacking geological support? 62-701.300(2)(a)	X			
2. Unauthorized disposal/storage prohibited within 500' of a potable water well? 62-701.300(2)(c)	X			
3. Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls? 62-701.300(2)(d)	X			
4. Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(e)	X			
5. Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(f)	X			
6. Unauthorized disposal/storage prohibited within 200' of any natural or artificial body of water, including wetlands, except on-site water bodies with no off-site discharge? 62-701.300(2)(g)	X			
7. Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(h)	X			

Department copy (white)
Facility copy (yellow)

I. SOLID WASTE PROHIBITIONS (CONTINUED)		YES	NO	Unk	N/A
8.	Unauthorized disposal/storage prohibited within 1000' of a potable water well serving a community water system? 62-701.300(2)(i)	X			
9.	Is open burning of solid waste prohibited except in accordance with Department requirements? 62-701.300(3)	X			
10.	Is hazardous waste disposal prohibited? 62-701.300(4)	X			
11.	Is PCB disposal prohibited except in accordance with Department requirements? 62-701.300(5)	X			
12.	Is the known disposal of untreated biomedical waste prohibited? 62-701.300(6)	X			
13.	Is lead-acid battery disposal prohibited? 62-701.300(8)(a)	X			
14.	Is used oil disposal prohibited except in accordance with Department requirements? 62-701.300(8)(b)	X			
15.	Is yard trash disposal prohibited except in accordance with Department requirements? 62-701.300(8)(c)	X			
16.	Is white goods disposal prohibited? 62-701.300(8)(d)	X			
17.	Is whole waste tire disposal prohibited except in accordance with Department requirements? 62-701.300(8)(e)	X			
18.	Is the facility in compliance with the liquid restrictions on disposal? 62-701.300(10)	X			

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.	Liners construction/installation according to plans? 62-701.400(3)				
3.	Leachate control system installation according to plans? 62-701.400(4)				
4.	Disposal units constructed at planned intervals? 62-701.400(2)				
5.	Gas control system installation according to plans? 62-701.400(10)(a)				
6.	Surface water management system construction according to plans? 62-701.400(9)				
7.	Ground water monitoring system constructed per approved plan? 62-701.510(2)				
8.	Leachate storage constructed according to plans? 62-701.400(6)				
9.	Liner quality assurance plan followed? 62-701.400(7)				
B. OPERATION AND MAINTENANCE					
10.	Trained operator on-site at Class I and III during operation? 62-701.500(1)				
11.	Approved operating plan and permit, operating and waste records maintained? 62-701.500(2), (3), (4), (13)				
12.	Gas monitoring according to permit? 62-701.400(10)(c) & 62-701.500(9)				
13.	Gas controlled to minimize off-site odors? 62-701.400(10)(a)				
14.	At least one spotter at each working face during operation at Class I and III ? 62-701.500(1)				
15.	Load checking program implemented? 62-701.500(6)				
16.	Waste compaction as required? 62-701.500(7)(a)				
17.	All permit specific conditions complied with? 62-701.320(1)				
18.	Working face/grade above ground no greater than 3 to 1 rise? 62-701.500(7)(c)				
19.	Narrow working face practiced? 62-701.500(7)(d)				
20.	Only permitted waste types disposed of? 62-701.340(3), 62-701.500(6)(a)&(2)(c)				
21.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)				
22.	Required signs for operational directions and public information? 62-701.500(11)(h)				
23.	Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)				
24.	Method and sequence of filling waste according to plans? 62-701.500(2)(f)				
25.	Sufficient operating equipment? 62-701.500(11)(a)				
26.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				
27.	Adequate communication facilities? 62-701.500(11)c				
28.	Proper control or disposal of asbestos and other special wastes? 62-701.520(4)				
29.	Adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(4)(e)4				
30.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				

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Facility copy (yellow)

II. CLASS I, II & III LANDFILLS		YES	NO	Unk	N/A
B. OPERATION AND MAINTENANCE (CONTINUED)					
31.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				
32.	Adequate erosion control? 62-701.500(7)(j)				
33.	Effective barrier to prevent unauthorized entry and dumping? 62-701.500(5)				
34.	Adequate vector control using approved methods? 62-701.500(7)(e)				
35.	Disposal area easily accessible? 62-701.500(12)				
36.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)				
37.	Adequate approved dust control methods? 62-701.500(11)(e)				
38.	Litter control maintained? 62-701.500(7)(i) and (11)g				
39.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(f)				
40.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(7)				
41.	Gas vents intact and functioning properly? 62-701.500(9)				
42.	Leachate control, collection and treatment as required? 62-701.500(8)				
C. WATER MANAGEMENT AND MONITORING					
43.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.510(2)				
44.	Mixing of leachate and storm water prevented or minimized? 62-701.400(9)(d)				
45.	Storm water run-on/runoff controlled, collected and treated as required? 62-701.400(9), 62-701.500(10)				
46.	Leachate sampling and testing as required? 62-701.500(8)				
D. CLOSURE					
47.	Final cover installation according to approved design plans and are the present condition and function adequate? 62-701.600(5)(f)(2)				
48.	Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(i)				
49.	All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
50.	Have final survey and as-built report with all survey monuments and other permanent markers been received? 62-701.610(2)				
51.	Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
52.	Long term care performed adequately? 62-701.620				
53.	Financial assurance adequate? 62-701.630				

III. TRANSFER STATIONS		YES	NO	Unk	N/A
1.	Are prohibited/unauthorized wastes not accepted at the transfer station and managed in accordance with the contingency plan? 62-701.801(4)(a)				
2.	Is an attendant on duty whenever the facility is operating? 62-701.801(4)(b)				
3.	Are the operating hours posted? 62-701.801(4)(b)				
4.	Are means available to prevent unauthorized access when the site is close? 62-701.801(4)(b)				
5.	Are litter, insects, odors and vectors adequately controlled? 62-701.801(4)(c)				
6.	Are wastes handled on a first-in, first-out basis to the extent practicable and storage areas cleaned in accordance with Department requirements? 62-701.801(4)(d)				
7.	Is drainage from cleaning areas discharged to sanitary sewers or the equivalent? 62-701.801(4)(d)				
8.	Is adequate fire protection available? 62-701.801(4)(e)				
9.	Are recovered materials clearly identified and stored in a safe, sanitary manner? 62-701.801(4)(f)				
10.	Are adequate operational records maintained? 62-701.801(4)(f) & (g)				
11.	Is stormwater controlled in accordance with Department requirements? 62-7-1.801(6)				

Department copy (white)
Facility copy (yellow)

IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
A. DISPOSAL					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				
2.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
3.	Is access to the facility properly controlled? 62-701.730(7)(c)				
4.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.730(7)(d)				
5.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
6.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
7.	Are the spotters or operators properly trained? 62-701.730(8)				
8.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
9.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
10.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
11.	Is financial assurance adequate? 62-701.730(11)				
12.	All permit specific conditions complied with? 62-701.320(1)				
13.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M prohibited from disposal at the facility? 62-701.730(19)				
14.	Are reporting requirements complied with? 62-701.730(12)				
B. RECYCLING					
15.	Is at least one spotter on duty at all times that wastes are received? 62-701.730(13)(b)1				
16.	Are prohibited materials removed from the waste stream and properly managed? 62-701.730(13)(b)1				
17.	Are the spotters or operators properly trained? 62-701.730(13)(b)2				
18.	Is financial assurance adequate? 62-701.730(13)(b)3				
19.	Are reporting requirements complied with? 62-701.730(13)(b)4				
20.	Is access to the facility properly controlled? 62-701.730(13)(b)5				
21.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(13)(b)5				
22.	Is leachate properly controlled or monitored? 62-701.730(13)(b)6				
23.	All permit specific conditions complied with? 62-701.320(1)				
24.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
C. LAND CLEARING					
25.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)	X			
26.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)	X			
27.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)	X			
28.	Is access to the facility properly controlled? 62-701.803(7)	X			
29.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)	X			

V. MATERIAL RECOVERY FACILITIES		YES	NO	Unk	N/A
1.	All permit specific conditions complied with? 62-701.320(1)				
2.	Is leachate being properly managed? 62-701.700(2)(c) & (2)(e)				
3.	Are prohibited materials removed from the waste stream and properly managed? 62-701.700(3)(b)				
4.	Is stormwater controlled in accordance with Department requirements? 62-701.700(5)				
5.	Are wastes handled on a first-in first-out basis? 62-701.700(2)(g)				
6.	Is financial assurance adequate? 62-701.700(4)				
7.	Are fire detection and control methods available? 62-701.700(2)(b)3				

Department copy (white)
Facility copy (yellow)

VI. OTHER SOLID WASTE FACILITIES		YES	NO	Unk	N/A
1.	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				
2.	Shredding facility in compliance with all required conditions of operation? 62-701.320(1)				
3.	Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				

Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

FACILITY IN COMPLIANCE.


DEP Representative

Date _____

Received:

Site Representative

Date _____



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

Mr. Royce Pipkins
P.O. Box 594
Plymouth, Florida 32768-0594

OCD-SW-00-0152

Orange County - SW
Acme Recycling, Inc.
Inspection Report

Dear Mr. Pipkins:

On March 16, 2000, a representative of the Florida Department of Environmental Protection conducted a routine inspection at the above referenced facility to determine the status of compliance with the Department's solid waste regulations.

At the time of the inspection, the facility appeared to be in compliance. A copy of the inspection report is enclosed for your review.

If you have any questions pertaining to this matter, please contact Jennifer Deal at (407) 893-3328.

Sincerely,

James N. Bradner, P.E.
Program Manager
Solid Waste

JNB/jd
Enclosure

Date 4/7/2000



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOLID WASTE MANAGEMENT FACILITY
INSPECTION CHECKLIST

GMS I.D. No. _____ Facility Name: Acme Recycling
Inspection Date: Mar 16, 2000 Permit No.: 3048-0143174-001 Expiration Date: 8/15/03
Facility Address: P.O. Box 594 Plymouth Oaks Rd
City: Plymouth County: Orange Zip: 32768-0594
Permittee or Operating Authority: Royce Piskins
Telephone Number (Permittee or Operating Authority): _____

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

Principal Inspector: Jennifer Deal
Other Participants: Royce Piskins

TYPE OF FACILITY

Landfill: _____ C&D Facility: _____ Other Facilities: _____
Class I _____ Disposal _____ WTE Facility _____
Class II _____ Recycler _____ Transfer Station _____
Class III _____ ☒ Land Clearing _____ Incinerator/Trench Burner _____
_____ Materials Recovery Facility _____
_____ MSW _____ Other Wastes _____
_____ Composting _____
_____ MSW Shredder _____
_____ Unauthorized Disposal _____
_____ Other _____

TYPE OF INSPECTION

_____ Construction Completion _____ Complaint Investigation _____ Other _____
☒ Operation _____ Reinspection _____
_____ Closure _____ Facility File Review _____
_____ Post-Closure _____

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	YES	NO	Unk	N/A
1. Unauthorized disposal/storage prohibited in areas lacking geological support? 62-701.300(2)(a)	<input checked="" type="checkbox"/>			
2. Unauthorized disposal/storage prohibited within 500' of a potable water well? 62-701.300(2)(c)	<input checked="" type="checkbox"/>			
3. Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls? 62-701.300(2)(d)	<input checked="" type="checkbox"/>			
4. Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(e)	<input checked="" type="checkbox"/>			
5. Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(f)	<input checked="" type="checkbox"/>			
6. Unauthorized disposal/storage prohibited within 200' of any natural or artificial body of water, including wetlands, except on-site water bodies with no off-site discharge? 62-701.300(2)(g)	<input checked="" type="checkbox"/>			
7. Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(h)	<input checked="" type="checkbox"/>			

Department copy (white)
Facility copy (yellow)

I. SOLID WASTE PROHIBITIONS (CONTINUED)					YES	NO	Unk	N/A
8.	Unauthorized disposal/storage prohibited within 1000' of a potable water well serving a community water system? 62-701.300(2)(i)				✓			
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.	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 used oil disposal prohibited except in accordance with Department requirements? 62-701.300(8)(b)				✓			
15.	Is yard trash disposal prohibited except in accordance with Department requirements? 62-701.300(8)(c)				✓			
16.	Is white goods disposal prohibited? 62-701.300(8)(d)				✓			
17.	Is whole waste tire disposal prohibited except in accordance with Department requirements? 62-701.300(8)(e)				✓			
18.	Is the facility in compliance with the liquid restrictions on disposal? 62-701.300(10)				✓			

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.	Liners construction/installation according to plans? 62-701.400(3)							
3.	Leachate control system installation according to plans? 62-701.400(4)							
4.	Disposal units constructed at planned intervals? 62-701.400(2)							
5.	Gas control system installation according to plans? 62-701.400(10)(a)							
6.	Surface water management system construction according to plans? 62-701.400(9)							
7.	Ground water monitoring system constructed per approved plan? 62-701.510(2)							
8.	Leachate storage constructed according to plans? 62-701.400(6)							
9.	Liner quality assurance plan followed? 62-701.400(7)							
B. OPERATION AND MAINTENANCE								
10.	Trained operator on-site at Class I and III during operation? 62-701.500(1)							
11.	Approved operating plan and permit, operating and waste records maintained? 62-701.500(2), (3), (4), (13)							
12.	Gas monitoring according to permit? 62-701.400(10)(c) & 62-701.500(9)							
13.	Gas controlled to minimize off-site odors? 62-701.400(10)(a)							
14.	At least one spotter at each working face during operation at Class I and III? 62-701.500(1)							
15.	Load checking program implemented? 62-701.500(6)							
16.	Waste compaction as required? 62-701.500(7)(a)							
17.	All permit specific conditions complied with? 62-701.320(1)							
18.	Working face/grade above ground no greater than 3 to 1 rise? 62-701.500(7)(c)							
19.	Narrow working face practiced? 62-701.500(7)(d)							
20.	Only permitted waste types disposed of? 62-701.340(3), 62-701.500(6)(a)&(2)(c)							
21.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)							
22.	Required signs for operational directions and public information? 62-701.500(11)(h)							
23.	Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)							
24.	Method and sequence of filling waste according to plans? 62-701.500(2)(f)							
25.	Sufficient operating equipment? 62-701.500(11)(a)							
26.	Sufficient reserve equipment for other arrangements? 62-701.500(11)(b)							
27.	Adequate communication facilities? 62-701.500(11)(c)							
28.	Proper control or disposal of asbestos and other special wastes? 62-701.520(4)							
29.	Adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(4)(e)4							
30.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)							

Department copy (white)
Facility copy (yellow)

II. CLASS I, II & III LANDFILLS		YES	NO	Unk	N/A
B. OPERATION AND MAINTENANCE (CONTINUED)					
31.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				
32.	Adequate erosion control? 62-701.500(7)(j)				
33.	Effective barrier to prevent unauthorized entry and dumping? 62-701.500(5)				
34.	Adequate vector control using approved methods? 62-701.500(7)(e)				
35.	Disposal area easily accessible? 62-701.500(12)				
36.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)				
37.	Adequate approved dust control methods? 62-701.500(11)(e)				
38.	Litter control maintained? 62-701.500(7)(i) and (11)g				
39.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(f)				
40.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(7)				
41.	Gas vents intact and functioning properly? 62-701.500(9)				
42.	Leachate control, collection and treatment as required? 62-701.500(8)				
C. WATER MANAGEMENT AND MONITORING					
43.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.510(2)				
44.	Mixing of leachate and storm water prevented or minimized? 62-701.400(9)(d)				
45.	Storm water run-on/runoff controlled, collected and treated as required? 62-701.400(9), 62-701.500(10)				
46.	Leachate sampling and testing as required? 62-701.500(8)				
D. CLOSURE					
47.	Final cover installation according to approved design plans and are the present condition and function adequate? 62-701.600(5)(f)(2)				
48.	Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(i)				
49.	All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
50.	Have final survey and as-built report with all survey monuments and other permanent markers been received? 62-701.610(2)				
51.	Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
52.	Long term care performed adequately? 62-701.620				
53.	Financial assurance adequate? 62-701.630				

III. TRANSFER STATIONS		YES	NO	Unk	N/A
1.	Are prohibited/unauthorized wastes not accepted at the transfer station and managed in accordance with the contingency plan? 62-701.801(4)(a)				
2.	Is an attendant on duty whenever the facility is operating? 62-701.801(4)(b)				
3.	Are the operating hours posted? 62-701.801(4)(b)				
4.	Are means available to prevent unauthorized access when the site is close? 62-701.801(4)(b)				
5.	Are litter, insects, odors and vectors adequately controlled? 62-701.801(4)(c)				
6.	Are wastes handled on a first-in, first-out basis to the extent practicable and storage areas cleaned in accordance with Department requirements? 62-701.801(4)(d)				
7.	Is drainage from cleaning areas discharged to sanitary sewers or the equivalent? 62-701.801(4)(d)				
8.	Is adequate fire protection available? 62-701.801(4)(e)				
9.	Are recovered materials clearly identified and stored in a safe, sanitary manner? 62-701.801(4)(f)				
10.	Are adequate operational records maintained? 62-701.801(4)(f) & (g)				
11.	Is stormwater controlled in accordance with Department requirements? 62-7-1.801(6)				

Department copy (white)
Facility copy (yellow)

IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
A. DISPOSAL					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				
2.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
3.	Is access to the facility properly controlled? 62-701.730(7)(c)				
4.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.730(7)(d)				
5.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
6.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
7.	Are the spotters or operators properly trained? 62-701.730(8)				
8.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
9.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
10.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
11.	Is financial assurance adequate? 62-701.730(11)				
12.	All permit specific conditions complied with? 62-701.320(1)				
13.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M prohibited from disposal at the facility? 62-701.730(19)				
14.	Are reporting requirements complied with? 62-701.730(12)				
B. RECYCLING					
15.	Is at least one spotter on duty at all times that wastes are received? 62-701.730(13)(b)1				
16.	Are prohibited materials removed from the waste stream and properly managed? 62-701.730(13)(b)1				
17.	Are the spotters or operators properly trained? 62-701.730(13)(b)2				
18.	Is financial assurance adequate? 62-701.730(13)(b)3				
19.	Are reporting requirements complied with? 62-701.730(13)(b)4				
20.	Is access to the facility properly controlled? 62-701.730(13)(b)5				
21.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(13)(b)5				
22.	Is leachate properly controlled or monitored? 62-701.730(13)(b)6				
23.	All permit specific conditions complied with? 62-701.320(1)				
24.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
C. LAND CLEARING					
25.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)	✓			
26.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)	✓			
27.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)	✓			
28.	Is access to the facility properly controlled? 62-701.803(7)	✓			
29.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)	✓			

V. MATERIAL RECOVERY FACILITIES		YES	NO	Unk	N/A
1.	All permit specific conditions complied with? 62-701.320(1)				
2.	Is leachate being properly managed? 62-701.700(2)(c) & (2)(e)				
3.	Are prohibited materials removed from the waste stream and properly managed? 62-701.700(3)(b)				
4.	Is stormwater controlled in accordance with Department requirements? 62-701.700(5)				
5.	Are wastes handled on a first-in first-out basis? 62-701.700(2)(g)				
6.	Is financial assurance adequate? 62-701.700(4)				
7.	Are fire detection and control methods available? 62-701.700(2)(b)3				

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Facility copy (yellow)

~~and applicable re
tions of operatio
ns and applicabl~~

VI. OTHER SOLID WASTE FACILITIES		YES	NO	Unk	N/A
1.	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				
2.	Shredding facility in compliance with all required conditions of operation? 62-701.320(1)				
3.	Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				

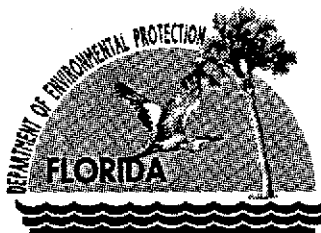
Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

ned: Janet Deal 1/31/00
DEP Representative Date

Site Representative _____ Date _____

PERM 20-4 (Revised 10/97)



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

Mr. Royce Pipkins
P.O. Box 594
Plymouth, Florida 32768-0594

OCD-SW-99-0527

Orange County - SW
Acme Recycling, Inc.
Inspection Report

Dear Mr. Pipkins:

On November 19, 1999, a representative of the Florida Department of Environmental Protection conducted a routine inspection at the above referenced facility to determine the status of compliance with the Department's solid waste regulations.

At the time of the inspection, the facility appeared to be in compliance. A copy of the inspection report is enclosed for your review.

If you have any questions pertaining to this matter, please contact Jennifer Deal at (407) 893-3328.

Sincerely,

James N. Bradner, P.E.
Program Manager
Solid Waste

Date 12/7/99

JNB/jd
Enclosure



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOLID WASTE MANAGEMENT FACILITY
INSPECTION CHECKLIST

GMS I.D. No. _____ Facility Name: Acme Recycling, Inc.
Inspection Date: Nov. 19, 1999 Permit No.: SOAB-0143174-002 Expiration Date: 8/15/03
Facility Address: P.O. Box 594 Plymouth Oaks Road
City: Plymouth County: Orange Zip: 32768-0594
Permittee or Operating Authority: Royce Perkins
Telephone Number (Permittee or Operating Authority): _____

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

Principal Inspector: Jennifer Deal

Other Participants: Lee Perkins

TYPE OF FACILITY

Landfill:

☐ Class I
☐ Class II
☐ Class III

C&D Facility:

☐ Disposal
☐ Recycler
☒ Land Clearing

Other Facilities:

☐ WTE Facility
☐ Transfer Station
☐ Incinerator/Trench Burner
☐ Materials Recovery Facility
☐ MSW ☐ Other Wastes

☐ Composting
☐ MSW Shredder
☐ Unauthorized Disposal
☐ Other _____

TYPE OF INSPECTION

☐ Construction Completion
☒ Operation
☐ Closure
☐ Post-Closure

☐ Complaint Investigation
☐ Reinspection
☐ Facility File Review

☐ Other _____

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.

1. SOLID WASTE PROHIBITIONS	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 within 500' of a potable water well? 62-701.300(2)(c)	✓			
3. Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls? 62-701.300(2)(d)	✓			
4. Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(e)	✓			
5. Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(f)	✓			
6. Unauthorized disposal/storage prohibited within 200' of any natural or artificial body of water, including wetlands, except on-site water bodies with no off-site discharge? 62-701.300(2)(g)	✓			
7. Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(h)	✓			

Department copy (white)
Facility copy (yellow)

I. SOLID WASTE PROHIBITIONS (CONTINUED)		YES	NO	Unk	N/A
8.	Unauthorized disposal/storage prohibited within 1000' of a potable water well serving a community water system? 62-701.300(2)(i)	✓			
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.	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 used oil disposal prohibited except in accordance with Department requirements? 62-701.300(8)(b)	✓			
15.	Is yard trash disposal prohibited except in accordance with Department requirements? 62-701.300(8)(c)	✓			
16.	Is white goods disposal prohibited? 62-701.300(8)(d)	✓			
17.	Is whole waste tire disposal prohibited except in accordance with Department requirements? 62-701.300(8)(e)	✓			
18.	Is the facility in compliance with the liquid restrictions on disposal? 62-701.300(10)	✓			

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.	Liners construction/installation according to plans? 62-701.400(3)				
3.	Leachate control system installation according to plans? 62-701.400(4)				
4.	Disposal units constructed at planned intervals? 62-701.400(2)				
5.	Gas control system installation according to plans? 62-701.400(10)(a)				
6.	Surface water management system construction according to plans? 62-701.400(9)				
7.	Ground water monitoring system constructed per approved plan? 62-701.510(2)				
8.	Leachate storage constructed according to plans? 62-701.400(6)				
9.	Liner quality assurance plan followed? 62-701.400(7)				
B. OPERATION AND MAINTENANCE					
10.	Trained operator on-site at Class I and III during operation? 62-701.500(1)				
11.	Approved operating plan and permit, operating and waste records maintained? 62-701.500(2), (3), (4), (13)				
12.	Gas monitoring according to permit? 62-701.400(10)(c) & 62-701.500(9)				
13.	Gas controlled to minimize off-site odors? 62-701.400(10)(a)				
14.	At least one spotter at each working face during operation at Class I and III? 62-701.500(1)				
15.	Load checking program implemented? 62-701.500(6)				
16.	Waste compaction as required? 62-701.500(7)(a)				
17.	All permit specific conditions complied with? 62-701.320(1)				
18.	Working face/grade above ground no greater than 3 to 1 rise? 62-701.500(7)(c)				
19.	Narrow working face practiced? 62-701.500(7)(d)				
20.	Only permitted waste types disposed of? 62-701.340(3), 62-701.500(6)(a)&(2)(c)				
21.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)				
22.	Required signs for operational directions and public information? 62-701.500(11)(h)				
23.	Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)				
24.	Method and sequence of filling waste according to plans? 62-701.500(2)(f)				
25.	Sufficient operating equipment? 62-701.500(11)(a)				
26.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				
27.	Adequate communication facilities? 62-701.500(11)(c)				
28.	Proper control or disposal of asbestos and other special wastes? 62-701.520(4)				
29.	Adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(4)(e)4				
30.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				

Department copy (white)
Facility copy (yellow)

II. CLASS I, II & III LANDFILLS		YES	NO	Unk	N/A
B. OPERATION AND MAINTENANCE (CONTINUED)					
31.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				
32.	Adequate erosion control? 62-701.500(7)(j)				
33.	Effective barrier to prevent unauthorized entry and dumping? 62-701.500(5)				
34.	Adequate vector control using approved methods? 62-701.500(7)(e)				
35.	Disposal area easily accessible? 62-701.500(12)				
36.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)				
37.	Adequate approved dust control methods? 62-701.500(11)(e)				
38.	Litter control maintained? 62-701.500(7)(i) and (11)g				
39.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(f)				
40.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(7)				
41.	Gas vents intact and functioning properly? 62-701.500(9)				
42.	Leachate control, collection and treatment as required? 62-701.500(8)				
C. WATER MANAGEMENT AND MONITORING					
43.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.510(2)				
44.	Mixing of leachate and storm water prevented or minimized? 62-701.400(9)(d)				
45.	Storm water run-on/runoff controlled, collected and treated as required? 62-701.400(9), 62-701.500(10)				
46.	Leachate sampling and testing as required? 62-701.500(8)				
D. CLOSURE					
47.	Final cover installation according to approved design plans and are the present condition and function adequate? 62-701.600(5)(f)(2)				
48.	Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(i)				
49.	All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
50.	Have final survey and as-built report with all survey monuments and other permanent markers been received? 62-701.610(2)				
51.	Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
52.	Long term care performed adequately? 62-701.620				
53.	Financial assurance adequate? 62-701.630				

III. TRANSFER STATIONS		YES	NO	Unk	N/A
1.	Are prohibited/unauthorized wastes not accepted at the transfer station and managed in accordance with the contingency plan? 62-701.801(4)(a)				
2.	Is an attendant on duty whenever the facility is operating? 62-701.801(4)(b)				
3.	Are the operating hours posted? 62-701.801(4)(b)				
4.	Are means available to prevent unauthorized access when the site is close? 62-701.801(4)(b)				
5.	Are litter, insects, odors and vectors adequately controlled? 62-701.801(4)(c)				
6.	Are wastes handled on a first-in, first-out basis to the extent practicable and storage areas cleaned in accordance with Department requirements? 62-701.801(4)(d)				
7.	Is drainage from cleaning areas discharged to sanitary sewers or the equivalent? 62-701.801(4)(d)				
8.	Is adequate fire protection available? 62-701.801(4)(e)				
9.	Are recovered materials clearly identified and stored in a safe, sanitary manner? 62-701.801(4)(f)				
10.	Are adequate operational records maintained? 62-701.801(4)(f) & (g)				
11.	Is stormwater controlled in accordance with Department requirements? 62-7-1.801(6)				

Department copy (white)
Facility copy (yellow)

IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
A. DISPOSAL					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				
2.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
3.	Is access to the facility properly controlled? 62-701.730(7)(c)				
4.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.730(7)(d)				
5.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
6.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
7.	Are the spotters or operators properly trained? 62-701.730(8)				
8.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
9.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
10.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
11.	Is financial assurance adequate? 62-701.730(11)				
12.	All permit specific conditions complied with? 62-701.320(1)				
13.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M prohibited from disposal at the facility? 62-701.730(19)				
14.	Are reporting requirements complied with? 62-701.730(12)				
B. RECYCLING					
15.	Is at least one spotter on duty at all times that wastes are received? 62-701.730(13)(b)1				
16.	Are prohibited materials removed from the waste stream and properly managed? 62-701.730(13)(b)1				
17.	Are the spotters or operators properly trained? 62-701.730(13)(b)2				
18.	Is financial assurance adequate? 62-701.730(13)(b)3				
19.	Are reporting requirements complied with? 62-701.730(13)(b)4				
20.	Is access to the facility properly controlled? 62-701.730(13)(b)5				
21.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(13)(b)5				
22.	Is leachate properly controlled or monitored? 62-701.730(13)(b)6				
23.	All permit specific conditions complied with? 62-701.320(1)				
24.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
C. LAND CLEARING					
25.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)	✓			
26.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)	✓			
27.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)	✓			
28.	Is access to the facility properly controlled? 62-701.803(7)	✓			
29.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)	✓			

V. MATERIAL RECOVERY FACILITIES		YES	NO	Unk	N/A
1.	All permit specific conditions complied with? 62-701.320(1)				
2.	Is leachate being properly managed? 62-701.700(2)(c) & (2)(e)				
3.	Are prohibited materials removed from the waste stream and properly managed? 62-701.700(3)(b)				
4.	Is stormwater controlled in accordance with Department requirements? 62-701.700(5)				
5.	Are wastes handled on a first-in first-out basis? 62-701.700(2)(g)				
6.	Is financial assurance adequate? 62-701.700(4)				
7.	Are fire detection and control methods available? 62-701.700(2)(b)3				

Department copy (white)
Facility copy (yellow)

VI. OTHER SOLID WASTE FACILITIES		YES	NO	Unk	N/A
1.	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				
2.	Shredding facility in compliance with all required conditions of operation? 62-701.320(1)				
3.	Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				

VII. NARRATIVE

Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

Small amount of yard waste to be removed tomorrow.

Signed: _____

DEP Representative

Date

Received: _____

Site Representative

Date

Department copy (white)
Facility copy (yellow)

Memorandum

Florida Department of Environmental Protection

TO: File

FROM: Jennifer Deal

DATE: June 7, 1999

SUBJECT: Acme Recycling

On May 25, 1999, I visited the site for a routine inspection. I observed that the gates were locked and there was a sign stating "Closed until further notice due to Orange County Do Not Enter".

I later spoke to Jim Meade who is affiliated with the facility. According to Mr. Meade, someone from Orange County visited the site and told Lee Pipkins that the county was shutting down all sites associated with Jim Meade. The facility was then closed but reopened the next day.



Department of Environmental Protection

yell

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

Mr. Royce Pipkins
P.O. Box 594
Plymouth, Florida 32768-0594

OCD-SW-99-0023

Orange County - SW
Acme Recycling, Inc.
Inspection Report

Dear Mr. Pipkins:

On January 14, 1999, a representative of the Florida Department of Environmental Protection conducted a routine inspection at the above referenced facility to determine the status of compliance with the Department's solid waste regulations.

At the time of the inspection, the facility appeared to be in compliance. A copy of the inspection report was given to Lee Pipkins.

If you should have any further questions pertaining to this matter, please contact me or Jennifer Deal at (407) 893-3328.

Sincerely,

James N. Bradner, P.E.
Program Manager
Solid Waste

JNB/jd

Date 1/15/99



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOLID WASTE MANAGEMENT FACILITY
INSPECTION CHECKLIST

GMS I.D. No. _____ Facility Name: Acme Recycling, Inc.
Inspection Date: Jan 14, 1999 Permit No.: SW48-0143174-001 Expiration Date: 8/15/03
Facility Address: P.O. Box 594 Plymouth Oaks Road
City: Plymouth County: Orange Zip: 32768-0594
Permittee or Operating Authority: Royce Pipkins
Telephone Number (Permittee or Operating Authority): 884-8283

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

Principal Inspector: Jennifer Deal

Other Participants: Lee Pipkins

TYPE OF FACILITY

Landfill:

☐ Class I
☐ Class II
☐ Class III

C&D Facility:

☐ Disposal
☐ Recycler
☒ Land Clearing

Other Facilities:

☐ WTE Facility
☐ Transfer Station
☐ Incinerator/Trench Burner
☐ Materials Recovery Facility
☐ MSW ☐ Other Wastes

☐ Composting
☐ MSW Shredder
☐ Unauthorized Disposal
☐ Other _____

TYPE OF INSPECTION

☐ Construction Completion
☒ Operation
☐ Closure
☐ Post-Closure

☐ Complaint Investigation
☐ Reinspection
☐ Facility File Review

☐ Other _____

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.

1. SOLID WASTE PROHIBITIONS	YES	NO	Unk	N/A
1. Unauthorized disposal/storage prohibited in areas lacking geological support? 62-701.300(2)(a)	<input checked="" type="checkbox"/>			
2. Unauthorized disposal/storage prohibited within 500' of a potable water well? 62-701.300(2)(c)	<input checked="" type="checkbox"/>			
3. Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls? 62-701.300(2)(d)	<input checked="" type="checkbox"/>			
4. Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(e)	<input checked="" type="checkbox"/>			
5. Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(f)	<input checked="" type="checkbox"/>			
6. Unauthorized disposal/storage prohibited within 200' of any natural or artificial body of water, including wetlands, except on-site water bodies with no off-site discharge? 62-701.300(2)(g)	<input checked="" type="checkbox"/>			
7. Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(h)	<input checked="" type="checkbox"/>			

Department copy (white)
Facility copy (yellow)

I. SOLID WASTE PROHIBITIONS (CONTINUED)		YES	NO	Unk	N/A
8.	Unauthorized disposal/storage prohibited within 1000' of a potable water well serving a community water system? 62-701.300(2)(i)	✓			
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.	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 used oil disposal prohibited except in accordance with Department requirements? 62-701.300(8)(b)	✓			
15.	Is yard trash disposal prohibited except in accordance with Department requirements? 62-701.300(8)(c)	✓			
16.	Is white goods disposal prohibited? 62-701.300(8)(d)	✓			
17.	Is whole waste tire disposal prohibited except in accordance with Department requirements? 62-701.300(8)(e)	✓			
18.	Is the facility in compliance with the liquid restrictions on disposal? 62-701.300(10)	✓			

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.	Liners construction/installation according to plans? 62-701.400(3)				
3.	Leachate control system installation according to plans? 62-701.400(4)				
4.	Disposal units constructed at planned intervals? 62-701.400(2)				
5.	Gas control system installation according to plans? 62-701.400(10)(a)				
6.	Surface water management system construction according to plans? 62-701.400(9)				
7.	Ground water monitoring system constructed per approved plan? 62-701.510(2)				
8.	Leachate storage constructed according to plans? 62-701.400(6)				
9.	Liner quality assurance plan followed? 62-701.400(7)				
B. OPERATION AND MAINTENANCE					
10.	Trained operator on-site at Class I and III during operation? 62-701.500(1)				
11.	Approved operating plan and permit, operating and waste records maintained? 62-701.500(2), (3), (4), (13)				
12.	Gas monitoring according to permit? 62-701.400(10)(c) & 62-701.500(9)				
13.	Gas controlled to minimize off-site odors? 62-701.400(10)(a)				
14.	At least one spotter at each working face during operation at Class I and III? 62-701.500(1)				
15.	Load checking program implemented? 62-701.500(6)				
16.	Waste compaction as required? 62-701.500(7)(a)				
17.	All permit specific conditions complied with? 62-701.320(1)				
18.	Working face/grade above ground no greater than 3 to 1 rise? 62-701.500(7)(c)				
19.	Narrow working face practiced? 62-701.500(7)(d)				
20.	Only permitted waste types disposed of? 62-701.340(3), 62-701.500(6)(a)&(2)(c)				
21.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)				
22.	Required signs for operational directions and public information? 62-701.500(11)(h)				
23.	Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)				
24.	Method and sequence of filling waste according to plans? 62-701.500(2)(f)				
25.	Sufficient operating equipment? 62-701.500(11)(a)				
26.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				
27.	Adequate communication facilities? 62-701.500(11)(c)				
28.	Proper control or disposal of asbestos and other special wastes? 62-701.520(4)				
29.	Adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(4)(e)4				
30.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				

Department copy (white)
Facility copy (yellow)

II. CLASS I, II & III LANDFILLS		YES	NO	Unk	N/A
B. OPERATION AND MAINTENANCE (CONTINUED) <i>N/A</i>					
31.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				
32.	Adequate erosion control? 62-701.500(7)(j)				
33.	Effective barrier to prevent unauthorized entry and dumping? 62-701.500(5)				
34.	Adequate vector control using approved methods? 62-701.500(7)(e)				
35.	Disposal area easily accessible? 62-701.500(12)				
36.	Retention and/or detention ponds/ditches, culverts/berms maintained? 62-701.500(10)				
37.	Adequate approved dust control methods? 62-701.500(11)(e)				
38.	Litter control maintained? 62-701.500(7)(i) and (11)g				
39.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(f)				
40.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(7)				
41.	Gas vents intact and functioning properly? 62-701.500(9)				
42.	Leachate control, collection and treatment as required? 62-701.500(8)				
C. WATER MANAGEMENT AND MONITORING					
43.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.510(2)				
44.	Mixing of leachate and storm water prevented or minimized? 62-701.400(9)(d)				
45.	Storm water run-on/runoff controlled, collected and treated as required? 62-701.400(9), 62-701.500(10)				
46.	Leachate sampling and testing as required? 62-701.500(8)				
D. CLOSURE					
47.	Final cover installation according to approved design plans and are the present condition and function adequate? 62-701.600(5)(f)(2)				
48.	Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(i)				
49.	All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
50.	Have final survey and as-built report with all survey monuments and other permanent markers been received? 62-701.610(2)				
51.	Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
52.	Long term care performed adequately? 62-701.620				
53.	Financial assurance adequate? 62-701.630				

III. TRANSFER STATIONS		YES	NO	Unk	N/A
1.	Are prohibited/unauthorized wastes not accepted at the transfer station and managed in accordance with the contingency plan? 62-701.801(4)(a)				
2.	Is an attendant on duty whenever the facility is operating? 62-701.801(4)(b)				
3.	Are the operating hours posted? 62-701.801(4)(b)				
4.	Are means available to prevent unauthorized access when the site is close? 62-701.801(4)(b)				
5.	Are litter, insects, odors and vectors adequately controlled? 62-701.801(4)(c)				
6.	Are wastes handled on a first-in, first-out basis to the extent practicable and storage areas cleaned in accordance with Department requirements? 62-701.801(4)(d)				
7.	Is drainage from cleaning areas discharged to sanitary sewers or the equivalent? 62-701.801(4)(d)				
8.	Is adequate fire protection available? 62-701.801(4)(e)				
9.	Are recovered materials clearly identified and stored in a safe, sanitary manner? 62-701.801(4)(f)				
10.	Are adequate operational records maintained? 62-701.801(4)(f) & (g)				
11.	Is storm water controlled in accordance with Department requirements? 62-7-1.801(6)				

Department copy (white)
Facility copy (yellow)

IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
A. DISPOSAL					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				
2.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
3.	Is access to the facility properly controlled? 62-701.730(7)(c)				
4.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.730(7)(d)				
5.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
6.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
7.	Are the spotters or operators properly trained? 62-701.730(8)				
8.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
9.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
10.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
11.	Is financial assurance adequate? 62-701.730(11)				
12.	All permit specific conditions complied with? 62-701.320(1)				
13.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M prohibited from disposal at the facility? 62-701.730(19)				
14.	Are reporting requirements complied with? 62-701.730(12)				
B. RECYCLING					
15.	Is at least one spotter on duty at all times that wastes are received? 62-701.730(13)(b)1				
16.	Are prohibited materials removed from the waste stream and properly managed? 62-701.730(13)(b)1				
17.	Are the spotters or operators properly trained? 62-701.730(13)(b)2				
18.	Is financial assurance adequate? 62-701.730(13)(b)3				
19.	Are reporting requirements complied with? 62-701.730(13)(b)4				
20.	Is access to the facility properly controlled? 62-701.730(13)(b)5				
21.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(13)(b)5				
22.	Is leachate properly controlled or monitored? 62-701.730(13)(b)6				
23.	All permit specific conditions complied with? 62-701.320(1)				
24.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
C. LAND CLEARING					
25.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)	✓			
26.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)	✓			
27.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)	✓			
28.	Is access to the facility properly controlled? 62-701.803(7)	✓			
29.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)	✓			

V. MATERIAL RECOVERY FACILITIES		YES	NO	Unk	N/A
1.	All permit specific conditions complied with? 62-701.320(1)				
2.	Is leachate being properly managed? 62-701.700(2)(c) & (2)(e)				
3.	Are prohibited materials removed from the waste stream and properly managed? 62-701.700(3)(b)				
4.	Is stormwater controlled in accordance with Department requirements? 62-701.700(5)				
5.	Are wastes handled on a first-in first-out basis? 62-701.700(2)(g)				
6.	Is financial assurance adequate? 62-701.700(4)				
7.	Are fire detection and control methods available? 62-701.700(2)(b)3				

Department copy (white)
Facility copy (yellow)

VI. OTHER SOLID WASTE FACILITIES		YES	NO	Unk	N/A
1.	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				
2.	Shredding facility in compliance with all required conditions of operation? 62-701.320(1)				
3.	Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				

N/A

VII. NARRATIVE

Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

- Negligible amount of unauthorized waste - to be taken care of today

- Load dumped by Bert's Waste during inspection (we were on other side) - to be handled today also

- Will call Bert's Waste to cleanup yard waste.

- Improvement since last inspection.

Signed:

DEP Representative

Date

Received:

Site Representative

Date



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

CERTIFIED
Z 461 771 686

OCD-SW-98-0481

Mr. Royce Pipkins
P.O. Box 594
Plymouth, Florida 32768-0594

Orange County - SW
Acme Recycling, Inc.
Inspection Report

Dear Mr. Pipkins:

On November 13, 1998, a representative of the Florida Department of Environmental Protection conducted a routine inspection at the above referenced facility to determine the status of compliance with the solid waste regulations.

At the time of the inspection, the following deficiencies were observed:

Waste other than land clearing debris was disposed of on site. This consisted of a shopping cart, a small motor, fabric, paper, a pillow, a small amount of household waste, several pieces of carpet, and some construction and demolition debris.

Please remove the above mentioned items from the facility within 15 days of receipt of this letter. Please ensure no waste other than land clearing debris is disposed of at the site. A copy of the inspection report is enclosed for your review.

If you should have any further questions pertaining to this matter, please contact me or Jennifer Deal at (407) 893-3328.

Sincerely,

James N. Bradner, P.E.
Program Manager
Solid Waste

JNB/jd
Enclosure

Date 11/23/98

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

Printed on recycled paper.



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION SOLID WASTE MANAGEMENT FACILITY INSPECTION CHECKLIST

GMS I.D. No. _____ Facility Name: Acme Recycling, Inc.
 Inspection Date: Nov. 13, 1998 Permit No.: 5048-0143174-001 Expiration Date: 8/15/03
 Facility Address: P.O. Box 594 Plymouth Oaks Road
 City: Plymouth County: Orange Zip: 32768-0594
 Permittee or Operating Authority: Royce Pipkins
 Telephone Number (Permittee or Operating Authority): 407-884-8283

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

Principal Inspector: Jennifer Deal

Other Participants: Lee Pipkins

TYPE OF FACILITY

Landfill:

- ☐ Class I
- ☐ Class II
- ☐ Class III

C&D Facility:

- ☐ Disposal
- ☐ Recycler
- ☒ Land Clearing

Other Facilities:

- ☐ WTE Facility
- ☐ Transfer Station
- ☐ Incinerator/Trench Burner
- ☐ Materials Recovery Facility
- ☐ MSW ☐ Other Wastes

- ☐ Composting
- ☐ MSW Shredder
- ☐ Unauthorized Disposal
- ☐ Other _____

TYPE OF INSPECTION

- ☐ Construction Completion
- ☒ Operation
- ☐ Closure
- ☐ Post-Closure

- ☐ Complaint Investigation
- ☐ Reinspection
- ☐ Facility File Review

☐ Other _____

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		YES	NO	Unk	N/A
1.	Unauthorized disposal/storage prohibited in areas lacking geological support? 62-701.300(2)(a)	<input checked="" type="checkbox"/>			
2.	Unauthorized disposal/storage prohibited within 500' of a potable water well? 62-701.300(2)(c)	<input checked="" type="checkbox"/>			
3.	Unauthorized disposal/storage prohibited in a dewatered pit unless pit is lined and has leachate controls? 62-701.300(2)(d)	<input checked="" type="checkbox"/>			
4.	Unauthorized disposal/storage prohibited in an area subject to frequent and periodic flooding unless flood protection measures in place? 62-701.300(2)(e)	<input checked="" type="checkbox"/>			
5.	Unauthorized disposal/storage prohibited in any natural or artificial body of water including ground water? 62-701.300(2)(f)	<input checked="" type="checkbox"/>			
6.	Unauthorized disposal/storage prohibited within 200' of any natural or artificial body of water, including wetlands, except on-site water bodies with no off-site discharge? 62-701.300(2)(g)	<input checked="" type="checkbox"/>			
7.	Unauthorized disposal/storage prohibited on the right of way of any public highway, road or alley? 62-701.300(2)(h)	<input checked="" type="checkbox"/>			

Department copy (white)

Facility copy (yellow)

I. SOLID WASTE PROHIBITIONS (CONTINUED)		YES	NO	Unk	N/A
8.	Unauthorized disposal/storage prohibited within 1000' of a potable water well serving a community water system? 62-701.300(2)(i)	✓			
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.	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 used oil disposal prohibited except in accordance with Department requirements? 62-701.300(8)(b)	✓			
15.	Is yard trash disposal prohibited except in accordance with Department requirements? 62-701.300(8)(c)	✓			
16.	Is white goods disposal prohibited? 62-701.300(8)(d)	✓			
17.	Is whole waste tire disposal prohibited except in accordance with Department requirements? 62-701.300(8)(e)	✓			
18.	Is the facility in compliance with the liquid restrictions on disposal? 62-701.300(10)	✓			

II. CLASS I, II & III LANDFILLS		YES	NO	Unk	N/A
A. CONSTRUCTION VERIFICATION			7		
1.	Subgrade or foundation adequately prepared? 62-701.400(3)(a)2				
2.	Liners construction/installation according to plans? 62-701.400(3)				
3.	Leachate control system installation according to plans? 62-701.400(4)				
4.	Disposal units constructed at planned intervals? 62-701.400(2)				
5.	Gas control system installation according to plans? 62-701.400(10)(a)				
6.	Surface water management system construction according to plans? 62-701.400(9)				
7.	Ground water monitoring system constructed per approved plan? 62-701.510(2)				
8.	Leachate storage constructed according to plans? 62-701.400(6)				
9.	Liner quality assurance plan followed? 62-701.400(7)				
B. OPERATION AND MAINTENANCE					
10.	Trained operator on-site at Class I and III during operation? 62-701.500(1)				
11.	Approved operating plan and permit, operating and waste records maintained? 62-701.500(2), (3), (4), (13)				
12.	Gas monitoring according to permit? 62-701.400(10)(c) & 62-701.500(9)				
13.	Gas controlled to minimize off-site odors? 62-701.400(10)(a)				
14.	At least one spotter at each working face during operation at Class I and III? 62-701.500(1)				
15.	Load checking program implemented? 62-701.500(6)				
16.	Waste compaction as required? 62-701.500(7)(a)				
17.	All permit specific conditions complied with? 62-701.320(1)				
18.	Working face/grade above ground no greater than 3 to 1 rise? 62-701.500(7)(c)				
19.	Narrow working face practiced? 62-701.500(7)(d)				
20.	Only permitted waste types disposed of? 62-701.340(3), 62-701.500(6)(a)&(2)(c)				
21.	Uncontrolled and unauthorized scavenging prohibited? 62-701.500(7)(h)				
22.	Required signs for operational directions and public information? 62-701.500(11)(h)				
23.	Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)				
24.	Method and sequence of filling waste according to plans? 62-701.500(2)(f)				
25.	Sufficient operating equipment? 62-701.500(11)(a)				
26.	Sufficient reserve equipment (or other arrangements)? 62-701.500(11)(b)				
27.	Adequate communication facilities? 62-701.500(11)(c)				
28.	Proper control or disposal of asbestos and other special wastes? 62-701.520(4)				
29.	Adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(4)(e)4				
30.	Frequency, amount and quality of initial cover, as required? 62-701.500(7)(e)				

Department copy (white)
Facility copy (yellow)

II. CLASS I, II & III LANDFILLS		YES	NO	Unk	N/A
B. OPERATION AND MAINTENANCE (CONTINUED)					
31.	Frequency, amount and quality of intermediate cover, as required? 62-701.500(7)(f)				
32.	Adequate erosion control? 62-701.500(7)(j)				
33.	Effective barrier to prevent unauthorized entry and dumping? 62-701.500(5)				
34.	Adequate vector control using approved methods? 62-701.500(7)(e)				
35.	Disposal area easily accessible? 62-701.500(12)				
36.	Retention and/or detention ponds/ditches, culverts, berms maintained? 62-701.500(10)				
37.	Adequate approved dust control methods? 62-701.500(11)(e)				
38.	Litter control maintained? 62-701.500(7)(i) and (11)g				
39.	Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(f)				
40.	Ground water wells intact and functioning properly? 62-701.510(2)(b), 62-701.620(7)				
41.	Gas vents intact and functioning properly? 62-701.500(9)				
42.	Leachate control, collection and treatment as required? 62-701.500(8)				
C. WATER MANAGEMENT AND MONITORING					
43.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.510(2)				
44.	Mixing of leachate and storm water prevented or minimized? 62-701.400(9)(d)				
45.	Storm water run-on/runoff controlled, collected and treated as required? 62-701.400(9), 62-701.500(10)				
46.	Leachate sampling and testing as required? 62-701.500(8)				
D. CLOSURE					
47.	Final cover installation according to approved design plans and are the present condition and function adequate? 62-701.600(5)(f)(2)				
48.	Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(i)				
49.	All actions for closure completed satisfactorily according to approved closure operation plan? 62-701.600(6)				
50.	Have final survey and as-built report with all survey monuments and other permanent markers been received? 62-701.610(2)				
51.	Authorized use of closed landfill and integrity of environmental protection measures maintained? 62-701.610(7)				
52.	Long term care performed adequately? 62-701.620				
53.	Financial assurance adequate? 62-701.630				

III. TRANSFER STATIONS		YES	NO	Unk	N/A
1.	Are prohibited/unauthorized wastes not accepted at the transfer station and managed in accordance with the contingency plan? 62-701.801(4)(a)				
2.	Is an attendant on duty whenever the facility is operating? 62-701.801(4)(b)				
3.	Are the operating hours posted? 62-701.801(4)(b)				
4.	Are means available to prevent unauthorized access when the site is close? 62-701.801(4)(b)				
5.	Are litter, insects, odors and vectors adequately controlled? 62-701.801(4)(c)				
6.	Are wastes handled on a first-in, first-out basis to the extent practicable and storage areas cleaned in accordance with Department requirements? 62-701.801(4)(d)				
7.	Is drainage from cleaning areas discharged to sanitary sewers or the equivalent? 62-701.801(4)(d)				
8.	Is adequate fire protection available? 62-701.801(4)(e)				
9.	Are recovered materials clearly identified and stored in a safe, sanitary manner? 62-701.801(4)(f)				
10.	Are adequate operational records maintained? 62-701.801(4)(f) & (g)				
11.	Is stormwater controlled in accordance with Department requirements? 62-7-1.801(6)				

Department copy (white)
Facility copy (yellow)

IV. C&D DEBRIS FACILITIES		YES	NO	Unk	N/A
A. DISPOSAL					
1.	Is the facility only disposing of C&D wastes and are prohibited wastes properly managed? 62-701.730(4)(c), (6) & (7)(d)				
2.	Are wastes compacted and sloped as necessary for later closure? 62-701.730(7)(b)				
3.	Is access to the facility properly controlled? 62-701.730(7)(c)				
4.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.730(7)(d)				
5.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(7)(e)				
6.	Are fuels, solvents, lubricants, etc. safely stored in areas separate from disposal or sorting areas? 62-701.730(7)(f)				
7.	Are the spotters or operators properly trained? 62-701.730(8)				
8.	Are areas of the facility requiring final cover properly closed? 62-701.730(9)				
9.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
10.	Water quality sampling and testing according to standard procedures and at required frequency? 62-701.730(4)(b) & (10)				
11.	Is financial assurance adequate? 62-701.730(11)				
12.	All permit specific conditions complied with? 62-701.320(1)				
13.	Are asbestos-containing waste materials regulated pursuant to 40 CFR Part 61, Subpart M prohibited from disposal at the facility? 62-701.730(19)				
14.	Are reporting requirements complied with? 62-701.730(12)				
B. RECYCLING					
15.	Is at least one spotter on duty at all times that wastes are received? 62-701.730(13)(b)1				
16.	Are prohibited materials removed from the waste stream and properly managed? 62-701.730(13)(b)1				
17.	Are the spotters or operators properly trained? 62-701.730(13)(b)2				
18.	Is financial assurance adequate? 62-701.730(13)(b)3				
19.	Are reporting requirements complied with? 62-701.730(13)(b)4				
20.	Is access to the facility properly controlled? 62-701.730(13)(b)5				
21.	Are objectionable odors controlled in accordance with Department requirements? 62-701.730(13)(b)5				
22.	Is leachate properly controlled or monitored? 62-701.730(13)(b)6				
23.	All permit specific conditions complied with? 62-701.320(1)				
24.	Is stormwater controlled in accordance with Department requirements? 62-701.730(5)				
C. LAND CLEARING					
25.	Is stormwater controlled in accordance with Department requirements? 62-701.803(4)	✓			
26.	Is the facility only disposing of authorized wastes and are prohibited wastes properly managed? 62-701.803(5) & (8)		✓		
27.	Are wastes compacted and sloped as necessary for later closure? 62-701.803(6)	✓			
28.	Is access to the facility properly controlled? 62-701.803(7)	✓			
29.	Is at least one spotter on duty at the working face when wastes are being accepted? 62-701.803(8)			✓	

V. MATERIAL RECOVERY FACILITIES		YES	NO	Unk	N/A
1.	All permit specific conditions complied with? 62-701.320(1)				
2.	Is leachate being properly managed? 62-701.700(2)(c) & (2)(e)				
3.	Are prohibited materials removed from the waste stream and properly managed? 62-701.700(3)(b)				
4.	Is stormwater controlled in accordance with Department requirements? 62-701.700(5)				
5.	Are wastes handled on a first-in first-out basis? 62-701.700(2)(g)				
6.	Is financial assurance adequate? 62-701.700(4)				
7.	Are fire detection and control methods available? 62-701.700(2)(b)3				

Department copy (white)
Facility copy (yellow)

VI. OTHER SOLID WASTE FACILITIES		YES	NO	Unk	N/A
1.	WTE facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				
2.	Shredding facility in compliance with all required conditions of operation? 62-701.320(1)				
3.	Compost facility in compliance with all permit conditions and applicable requirements? 62-701.320(1)				

VII. NARRATIVE

Explanation for all "NO" responses and other comments (continue on separate sheet if necessary)

IV.C. 26. Prohibited wastes disposed of with the land clearing debris. (Shopping cart, small motor, fabric, pillow, paper, small amount of Class 1) Also, some C&D.

IV.C. 29. No wastes accepted during the inspection.

Signed: Jennifer Seal 11/19/98
DEP Representative Date

Received: _____
Site Representative Date



ENVIRONMENTAL PROTECTION DIVISION

Leeds Commerce Center
800 Mercy Drive, Suite 4
Orlando, Florida 32808-7896
407-836-1400 • Fax 407-836-1499
www.OrangeCountyFL.net



September 18, 2002

CERTIFIED MAIL: 7001 2510 0001 0517 8332

Acme Recycling, Inc.
C/o Royce Pipkins
P.O. Box 163234
Altamonte Springs, FL 32716

**RE: Unauthorized Operation of a Landfill
1096 Bailey Hill Road, Orlando
Orange County Commission District: 2
File Number: 01-116**

Dear Mr. Pipkins:

As you have been previously notified, staff from the Orange County Environmental Protection Division (OCEPD) conducted an inspection on your property at 1096 Bailey Hill Road on July 25, 2002. The inspection revealed that you are unlawfully operating a solid waste management facility without a valid Orange County permit. This is a violation of **Orange County Code, Chapter 32, Article V, Solid Waste Management Ordinance, Section 32-214(a)(1)**.

OCEPD staff requested and received records from Acme Recycling, Inc. to review for compliance. After a thorough review of the records provided, numerous inconsistencies and discrepancies were revealed. The Division has determined that you have not clearly demonstrated you are recycling the majority (more than 50%) of the incoming waste material within the last one hundred eighty days. Thus, your property falls within the County's landfill definition.

In order to bring your facility into compliance, you must do one of the following no later than **October 4, 2002**:

1. Produce a valid Orange County landfill permit in accordance with **Orange County Code, Chapter 32, Article V, Solid Waste Management Ordinance, Section 32-214(a)(1)** in order to continue your current operations.
2. If you cannot produce said permit you must remove *all* stockpiled material from your property and dispose of it at a County approved recycling center or a permitted Class III or Construction and Demolition debris landfill.

If the violation has not been abated by October 4, 2002, the County will commence legal action before the Code Enforcement Board (CEB) of Orange County to obtain an order of abatement from that body. An abatement order by that body, if not obeyed, will cause a fine to be levied against the violator, and any property interests owned by them, which fine is enforceable via a lien and eventually through a foreclosure action in a Circuit Court to collect the fine. This affects not only the violators, but also anyone else with an interest in the property, which is enforceable in a court of law.

Please read the attached draft document. It is important to note that if it becomes necessary to commence legal action, and the attached document is finalized and served along with a notice of CEB hearing, the hearing will then take place. A phone call will not protect you at that point. You must appear at the hearing. Nonappearance at the CEB hearing will not prevent an order being issued against you.

September 18, 2002
CEB (Acme Recycling)
Page Two

If the property is brought into compliance, you must notify the Orange County Environmental Protection Division code enforcement officer so he or she may inspect and confirm the abatement. If that notice is not done, the case will continue despite actual compliance, the case will be heard, an order will be issued and a fine may still be assessed. If you have any questions, please do not hesitate to contact our office at (407) 836-1400.

Sincerely,


Dennis Weatherford
Assistant Manager

JM/ABM/DW:bk

Attachment

C: ✓ James Bradner, Florida Department of Environmental Protection
Orange County Attorney's Office
Alan B. Marshall, Program Manager, Environmental Protection Division
Jim McDonald, Program Manager, Environmental Protection Division

CODE ENFORCEMENT BOARD OF ORANGE COUNTY, FLORIDA

ORANGE COUNTY

Petitioner,

CEB NO: _____

V.

Acme Recycling Corp.

Respondent(s).

NOTICE OF HEARING

Orange County has filed the Code Enforcement Action shown below against you.

Pursuant to Chapter 162, Florida Statutes, and Chapter 11, Orange County Code, you are hereby called upon to take notice that a PUBLIC HEARING will be conducted in the below-styled cause by the Code Enforcement Board (CEB), on the «HearDay» day of «HearMth», 2002, at 9:00 a.m., in the County Commission Chambers, Orange County Administration Center, 201 South Rosalind Avenue (first floor), Orlando, Florida. The Board shall receive testimony and evidence at said PUBLIC HEARING and shall make such findings of fact and conclusions of law as are supported by the testimony and evidence presented by all parties concerning this case. If the violation is corrected and then recurs or if the violation is not corrected by the time specified for correction by the Code Enforcement Officer in this document, this case may be presented to the CEB even if the violation has been corrected prior to the Board Hearing. Your failure to appear will not prevent orders being issued against you.

If a person decides to appeal any decision made by the CEB with respect to any matter considered at this meeting or public hearing, such person will need a record of the proceedings, and may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

I hereby certify that a copy of this Notice of Hearing and Statement of Violation has been sent to the individual(s) shown in the Statement of Violation below by certified mail, return receipt requested.

Recording Secretary to CEB

STATEMENT OF VIOLATION

The undersigned Code Enforcement Officer hereby certifies that the below-described violation continues to exist, that attempts to secure compliance with the Orange County Code have failed, and that the violation has been referred to the CEB for a public hearing.

1. Violation of County Code Article and Sections: Ch 32, Art. V, Solid Waste Mgmt. Ord., Sec. 32-214 (a)(1)
2. Location/address where violation exists: 1096 Bailey Hill Road, Orlando, FL
3. District 2 Parcel ID: 25-20-27-0000-00-007 Zoned: A-1
4. Name and address of owner/person in charge of location where violation exists:
Royce Pipkins
P.O. Box 163234
Altamonte Springs, FL 32716
5. Description of violation:
Unauthorized Operation of a Landfill
6. Date violation first observed: 19-May-99
7. Date of Notice to Violator: 19-May-99
8. Date violation was to be corrected: _____

DATED this _____ day of _____, 2002

STATE OF FLORIDA
COUNTY OF ORANGE

The foregoing instrument was acknowledged before me this _____ day of _____, 2002, by _____ who is personally known to me as a Code Enforcement Officer of Orange County, Florida.

Signature of Code Enforcement Officer

Name of Code Enforcement Officer

Orange County, EPD

County Department

(407) 836-1412

Telephone No.

Signature of person taking acknowledgment

Name of Officer (typed/printed/stamped) taking acknowledgment

Notary Public

Title of rank Serial number, if any

In accordance with the Americans with Disabilities Act (ADA), if any person with a disability as defined by the ADA needs special accommodation to participate in this proceeding, then no later than two(2) business days prior to the proceeding, he or she should visit the Orange County Department of General Services, 2nd floor, Orange County Administration Center, 201 South Rosalind Avenue, Orlando, Florida or telephone that department at (407) 836-5500 or 836-7372.

Memorandum

Environmental Protection

TO: Bret LeRoux, P.G.
FROM: Jim Bradner, P.E.
DATE: July 20, 1998
SUBJECT: County: ORANGE
Permit/000: 5048-0143174-001
Facility: ACME RECYCLING, INC.
Attachment: ✓

- The attached is being sent to you for:

☐ Information only

☒ Review and comments

If review comments are needed, please respond:

☒ By: (Solid Waste deadline is AUGUST 3, 1998)

☐ As soon as possible for your schedule.

Comments: B. LEROUX is not interested in
reviewing the attached because
land clearing debris is a general
permit and does not require a MPIS.

Memorandum

TO: Bret LeRoux, P.G.
FROM: Jim Bradner, P.E.
DATE: July 20, 1998
SUBJECT: County: ORANGE
Permit/EGG: 5048-0143174-001
Facility: ACME RECYCLING, INC.
Attachment: ✓

The attached is being sent to you for:

☐ Information only

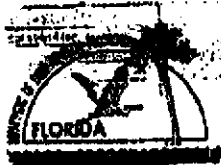
☒ Review and comments

If review comments are needed, please respond:

☒ By: (Solid Waste deadline is AUGUST 3, 1998)

☐ As soon as possible for your schedule.

Comments: _____



Florida Department of Environmental Protection
Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, FL 32399-2400

DEP Form # 42-701.8003
This form is used to notify the Department of Environmental Protection of the intent to use a General Permit for a Land Clearing Debris Disposal Facility.
Effective Date: 12-23-91
DEP Application No. _____ (Filled by DEP)

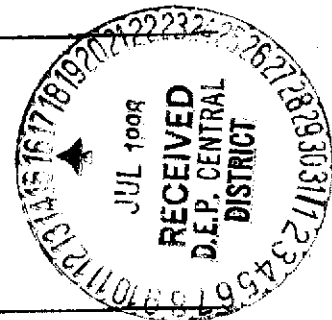
STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTIFICATION OF INTENT TO USE A GENERAL PERMIT
FOR A
LAND CLEARING DEBRIS
DISPOSAL FACILITY

GENERAL REQUIREMENT: Disposal facilities for land clearing debris are permitted in accordance with Florida Administrative Code (F.A.C.) Rule 62-701.803. The permit applicant, by completing, signing and sending this notice with the required information to the Department of Environmental Protection, agrees to the conditions for a land clearing debris disposal facility and is hereby granted a permit by rule provided Rule conditions are fulfilled. Send two copies of this notice with appropriate fee made payable to the Department of Environmental Protection and all supporting documentation by certified mail to the District Office of the Department in which the facility is located. Complete all entries by typing or printing in ink.

A. GENERAL INFORMATION

- Applicant name (operating authority): ACME RECYCLING INC.
Mailing address: P.O. Box 594, Plymouth, FL 32768-0594
Street or P.O. Box City State Zip
Contact person: Royce Pipkins Telephone: 407, 884-8283
(407) 260-5166
Title: Vice President
- Facility name (if different): Same
Location (main entrance): Plymouth Oaks Road, off Plymouth Sorrento Road
City: Plymouth County: Orange
- Facility location coordinates:
Section: 25 Township: 205 Range: 27E
UTMs: Zone _____ km E _____ km N
Latitude: 28 ° 43 ' 19 " Longitude: 81 ° 34 ' 08 "
- Landowner (if different than applicant): Same
Mailing address: _____
Street or P.O. Box City State Zip
Contact person: Same Telephone: () Same
- Acres within property boundary: 15 acres
- Acres used for waste disposal: 10 acres



Northwest District
160 Governmental Center
Pensacola, FL 32501-6704
904-444-8380

Northeast District
7826 Baymeadows Way, Ste. D200
Jacksonville, FL 32256-7500
904-448-4300

Central District
3319 Maguire Blvd., Ste. 232
Orlando, FL 32803-3767
407-854-7886

Southwest District
3804 Coconut Palm Dr., Ste. 364
Tampa, FL 33618
813-744-8100

South District
2295 Victoria Ave., Ste. 364
Fort Myers, FL 33901-3881
941-332-8876

West District
400 North Congress Ave.
West Palm Beach, FL 33401
561-681-6800

7. Provide brief description of disposal facility operations planned by this notification including equipment and personnel planned for the operation and closure of the facility:

See attached Schedule "A"

B. SUPPORTING DOCUMENTATION

1. If the property owner is different from the applicant, attach evidence of authorization to use property as a land clearing debris facility (e.g., contract, lease, or authorization letter) (62-701.803(1)(h), FAC).
2. Attach a description of the operations including: See No. 7 above.
 - a. Equipment to be used (62-701.803(1)(c), FAC);
 - b. Personnel for inspection of waste (62-701.803(8), FAC);
 - c. Closure plan (62-701.803(1)(f), (6), (10), and (11), FAC);
 - d. Planned active life and design height of the facility (62-701.803(1)(e), FAC);
 - e. Equipment and operational plan for the temporary storage and transport of waste other than land clearing debris to other approved disposal sites (62-701.803(5), FAC);
 - f. Boundary survey, legal description and topographic survey of the property (62-701.803(1)(d), FAC).
3. Site Plan including:
 - a. Scale not greater than 1" = 200' (62-701.803(1)(a), FAC);
 - b. Total acreage of site and areas to be used for disposal (62-701.803(1)(a), FAC);
 - c. Project location map (62-701.803(1)(a), FAC);
 - d. Revelant features such as (62-701.803(1)(a), FAC):
 1. Water bodies on or within 500' of the site;
 2. Wetlands on or within 500' of the site;
 3. Potable water wells on or within 500' of site;
 4. Geologic features which indicate areas that may not provide support for solid waste or any area where geological formations or subsurface features would allow unimpeded discharge of waste or leachate to ground or surface waters (62-701.300(2)(a) and (b), FAC);

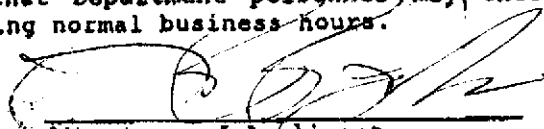
5. Ground water levels at the site, including the seasonal high ground water level if known (62-701.803(1)(b), FAC);
 6. Location and depth of any pits within the disposal area (62-701.300(2)(d), FAC);
 7. Any area subject to frequent and periodic flooding and details of any flood protection measures in place or proposed (62-701.300(2)(e), FAC);
 8. Any right of ways, public highway, road or alley (62-701.300(2)(h), FAC);
 9. Location of and details of access control features (62-701.803(7), FAC).
- e. Aspects of closure including (62-701.803(10), FAC):
1. Final cover cross section detail, depths and site contours;
 2. Revegetation plan and details.
4. A copy of any valid permit for stormwater control or documentation that no permit is required, shall be submitted before the facility receives waste for disposal (62-701.803(4), FAC).

C. CERTIFICATION BY APPLICANT

1. Applicant

Vice President of Acme Recycling Inc.

I, ^DRoyce/Pipkins/, the undersigned applicant, hereby certify that I will operate, maintain and close this facility in accordance with applicable rules of the Florida Administrative Code, and that I either own the land or have legal authorization from the land owner to use the land for a disposal facility. I also agree that Department personnel may enter onto the property to inspect the facility during normal business hours.


Signature of Applicant Royce D. Pipkins

Vice President
Name and Title

Date: July 15, 1998

cc : B. LERoux

R. LOTT

MARY JEAN YON

ACME RECYCLING INC.
Notification of Intent to Use a General Permit

ADDENDUM SCHEDULE "A"

No. 7

The planned operations for this notification, at this time, includes the stockpiling of wood waste materials to generate revenues for a state-of-the-art wood recycling facility.

Initially, recycling activities will include firewood, pulpwood logs, compost, mulch and chips. (There will be no on-site mulch or chip production until proper zoning is secured.) Once any and all zoning requirements are met, mulch, wood chip and lumber production will be implemented.

Presently, one full time attendant and a front end loader will be on-site for security, stockpiling and separation. A backhoe with a rotary grinder will be used initially to reduce volumes. A four (4) cubic yard dumpster will be placed on-site for any culled materials.

It is our sincere hope, however, to recycle or use all materials on site by securing additional zoning and equipment including, but not limited to:

A special exception to operate a linear grinder, a linear grinder for mulch production and a portable sawmill for lumber production. Should these efforts fail, however, the aforementioned backhoe grinder will be contracted to provide a level surface to be covered with grass strippings, dirt, compost, or other approved cover. The planned life of site is indefinite.

This site was formerly a clay borrow pit and has been extensively excavated. The height of the facility will not exceed the original grade of the site. No stockpiling will occur at or near any water table. Since the site was also once a C & D Landfill monitoring wells are in place as well. Extensive information regarding the hydrogeology and geophysical characteristics were ascertained during the time in which this site was a C & D Land-Fill. The majority of this information is attached. Should additional information be required we will obtain it for you from the Orange County EPO.

May 22, 1998

Via Facsimile Transmission

Anna Hacha-Long, Manager
W/Environmental Protection Department
2002 East Michigan Street
Orlando, Florida 32806-4999

Re: Fields-Robison C & D Landfill

Dear Ms. Hacha-Long:

This letter is to advise you of the need for my review of the above file for the benefit of Herman Fields. I understand that Mr. McDonald has inquired of Mr. Fields whether or not he has any objection to my viewing the file. Mr. Fields has now advised Mr. McDonald that he has no objection.

I am sure Mr. McDonald has tried to get back with me, but I have been out of the office this past week. I would like to set an appointment for my review of this file for Thursday, May 28, 1998 at 10:00 a.m. In the event that there is a problem with this date and time, please call my office and leave a message with my secretary or on my answering machine.

Very truly yours,

Royce D. Pipkins

RDP/bbp

Law Office Of
Royce D. Pipkins, P.A.

P.O. Box 162645
Altamonte Springs, FL 32716-2645
Telephone (407) 260-5165
Fax (407) 260-9789

FAX COVER SHEET

TO: Anna Hacha-Long
Fax No: 836-7499
FROM: Royce D. Pipkins
DATE: May 22, 1998
RE: Fields-Robison C & D Landfill

Pages included in this facsimile transmission (including cover page) 2

CONFIDENTIAL

Jim Meade
380-0088

ATTN: John Edwards

John,

*Royce told me he sent you
a copy of this letter?!*

Jim Meade

Meade file

Central District

Meeting Documentation

COUNTY: Orange

TYPE: Solid Waste

CASE NAME: James Meade/Alpha Land Inc.

DATE OF MEETING: December 9, 1996

TIME: 1:30 PM

ENFORCEMENT

PERMITTING

OTHER: X

MEETING REQUESTED BY: James Meade

OBJECTIVE(S) OF MEETING:

The meeting was held to discuss future mulching and/or composting operations by James Meade off Tanner Road and at the Fields/ Robinson C&D site.

DISCUSSION:

Mr. Meade submitted a letter to the Department dated 12/9/96. He gave a synopsis of his future projects. He indicated that according to the plan stated in his letter, he will begin to grind the landclearing debris around January 15, 1997 and will continue on a thirty day schedule to bring a tub grinder to the site to grind the material.

He explained his experimental project using a space steam air curtain incinerator. The steam generated will be used to sterilize the mulch. Also, the operation will be mobile. He anticipates opening three sites. One off Tanner Road, Fields/Robinson C&D and another location near the Orange County Landfill.

He show a copy of a memo taken from the appendix of the BMPM regarding the use of mulched yard waste admixture. Based on the memo he wanted to know if he could use mulch or compost mixture to close out the C&D site. It was decided that the Department will send him a letter regarding the answer to his question.

He was told that he needs to check with the Air Program regarding permits for the operation of the incinerator.

CENTRAL DISTRICT

MEETING DOCUMENTATION

CONCLUSIONS/AGREEMENTS:

A letter will be sent to Mr. Meade within 10 days regarding the question of using mulched yard waste admixture to close the C&D disposal site (Fields/Robinson).

Mr. Meade will send a site plan of all locations where he will be conducting his operations.

FOLLOW-UP ACTIONS: (If required)

Prepared by:

Stella Jean Delhadue

Environmental Specialist

Date:

12/16/96

Reviewed :

Don R. Morris



Lawton Chiles
Governor

Florida Department of Environmental Protection

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

Virginia B. Wetherell
Secretary

MEETING ATTENDANCE RECORD

Purpose:

Jim Meade

Date:

12/9/96

Name (please print)

Affiliation

Glenn-Ann DeKadine

FDEP

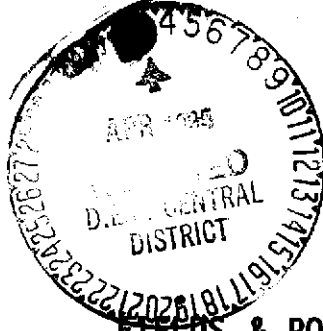
Jim Meade

Alpha Land Inc.

Dan Morrice

DEP

Continued on reverse side



FIELDS & ROBINSON LANDFILL
P. O. Box 964
Altamonte Springs, FL 32714

March 30, 1995

Mr. Dan Morrical
Florida Department of Environmental Protection
Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Re: Fields & Robinson Landfill -- General Permit for
Construction and Demolition Solid Waste Management Facility
Permit No. S059-177230

Dear Mr. Morrical:

Please be advised that the above-named landfill will henceforth be used only for the depositing of clean debris. No construction and demolition debris will be received in the future.

Very truly yours,

Herman Fields, Owner

/hf

Records found for Owner query [Fields Herman]

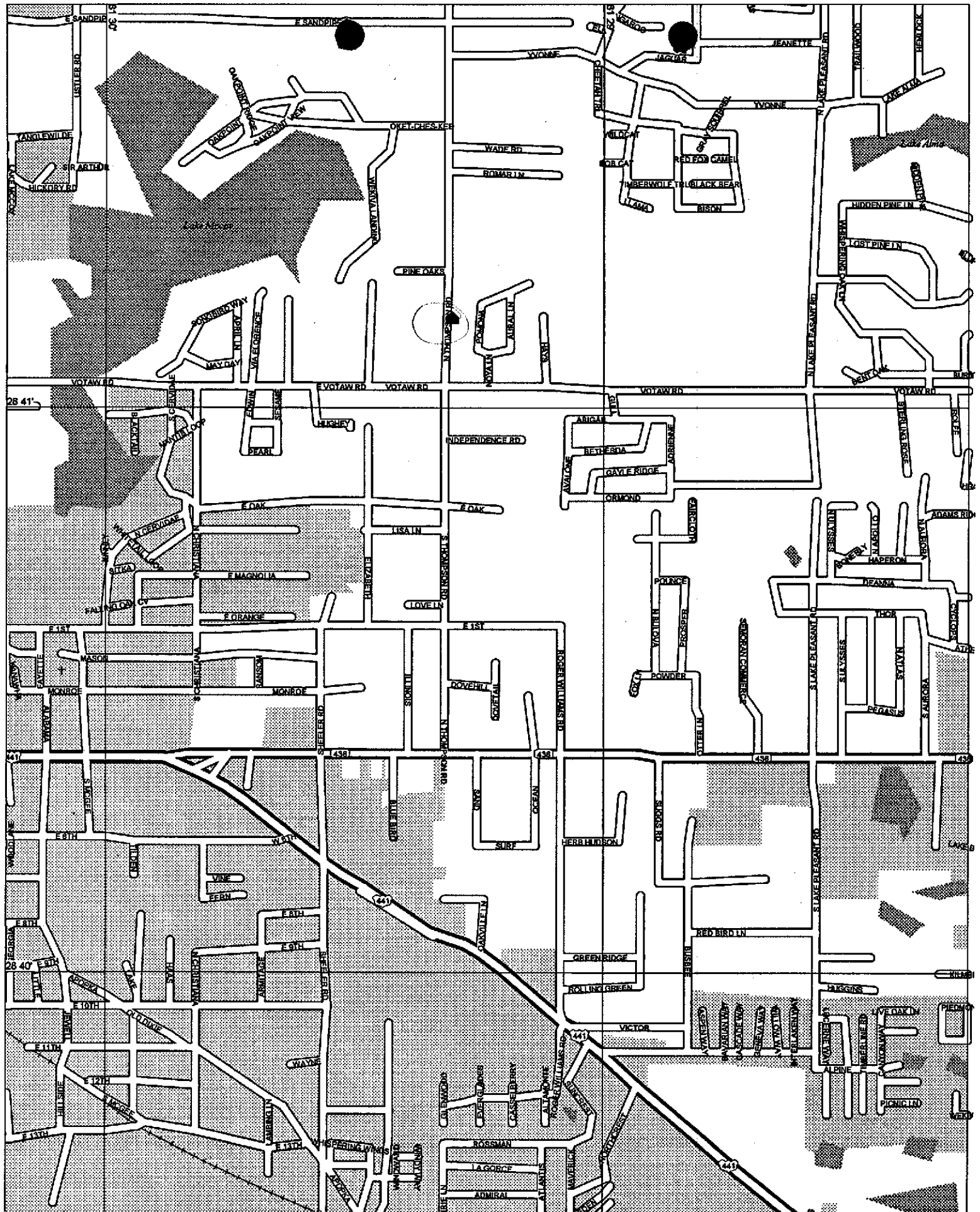
Owner	Address	Parcel Id
<u>FIELDS HERMAN &</u>		25-20-27-0000-00-006
<u>FIELDS HERMAN &</u>	1096 BAILEY HILL RD	25-20-27-0000-00-007
<u>FIELDS HERMAN &</u>	1056 BAILEY HILL DR	25-20-27-0000-00-008
<u>FIELDS HERMAN &</u>		25-20-27-0000-00-026
<u>FIELDS HERMAN &</u>	461 N THOMPSON RD	02-21-28-0000-00-015

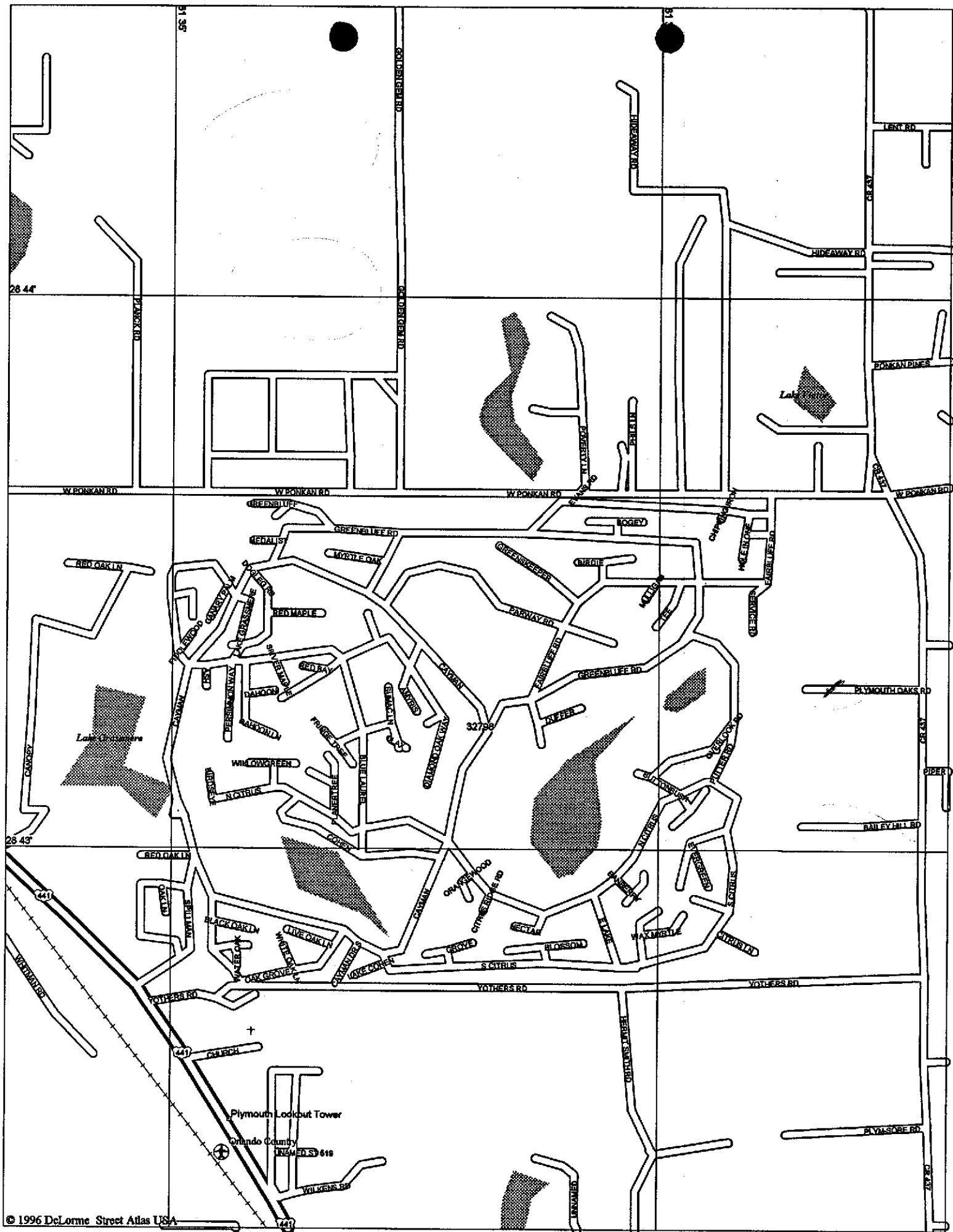


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Parcel Data for 02-21-28-0000-00-015

Parcel Id	02-21-28-0000-00-015	Address	461 N THOMPSON RD	Property Use Code	9900
City Code	U-Unincorporated	Millage Code	11	Exemption Code	

Value Summary

Value Method	Market
Number of Bldg.	0
Depreciated Bldg. Value	\$0
Depreciated XFOB Value	\$0
Land Size (ESTIMATE)	15.092 AC
Land Value (Market)	\$45,510
Land Value AG	\$0
Market Value	\$45,510
Assessed Value (SOH)	\$45,510
Exempt Value	\$0
Taxable Value	\$45,510
Mapsheet	02-21-28-SW-C

Owner Information

Owner	FIELDS HERMAN &
Address	ROBISON EUGENE
	P O BOX 952307
City, State, ZipCode	LAKE MARY, FL 32795

Legal Description

BEG SE COR OF NE1/4 OF SW1/4 RUN W
404 FT S 58 DEG W 1025.55 FT N 58.81
FT N 58 DEG E 235.25 FT N 279.04 FT
N 35 DEG W 102.02 FT N 04 DEG E
285.20 FT N 14 DEG E 165.38 FT E
1077.92 FT S 458.37 FT TO POB
3966/1331 & 1333

Sales Information

OR Book/Page	Sale Date	Sale Amount	Deed Type	Vac/Imp Code
3966/1331	03/01/1988	\$31,300	QC	Vacant
3966/1333	03/01/1988	\$31,300	QC	Vacant
1862/0594	06/01/1969	\$22,500	WD	Improved

Display Similar Sales in Subdivision

Building Information

Bld Num	Model Code	Type Code	Bed	Bath	Flrs	Year Built	Gross SF	Heated SF	Int Wall Code	Ext Wall Code	Bld Value	Est. Cost New

Land Information

Item	Land Use Code	Zoning	Frontage	Depth	Land Units	Unit Price	Land Value
1-1	9900	A-1	0	0	15.17 AC	\$3,000	\$45,510

Extra Feature Information

Item	Description	Units	Unit Price	XFOB Value

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Parcel Data for 25-20-27-0000-00-008

Parcel Id	25-20-27-0000-00-008	Address	1056 BAILEY HILL DR	Property Use Code	0001
City Code	U-Unincorporated	Millage Code	11	Exemption Code	

Value Summary

Value Method	Market
Number of Bldg.	0
Depreciated Bldg. Value	\$0
Depreciated XFOB Value	\$0
Land Size (ESTIMATE)	4.848 AC
Land Value (Market)	\$16,695
Land Value AG	\$0
Market Value	\$16,695
Assessed Value (SOH)	\$16,695
Exempt Value	\$0
Taxable Value	\$16,695
Mapsheet	25-20-27-SE-D

Owner Information

Owner	FIELDS HERMAN &
Address	ROBISON EUGENE
	P O BOX 952307
City, State, ZipCode	LAKE MARY, FL 32795

Legal Description

N1/2 OF SE1/4 OF THE NE1/4 OF SE1/4
(LESS E 30 FT FOR RD R/W)
4345/1986

Sales Information

OR Book/Page	Sale Date	Sale Amount	Deed Type	Vac/Imp Code
4345/1986	11/07/1991	\$40,000	WD	Improved
2645/0422	06/01/1974	\$12,000	WD	Improved
1753/0187	06/01/1968	\$7,000	WD	Improved

Display Similar Sales in Subdivision

Building Information

Bld Num	Model Code	Type Code	Bed	Bath	Flrs	Year Built	Gross SF	Heated SF	Int Wall Code	Ext Wall Code	Bld Value	Est. Cost New

Land Information

Item	Land Use Code	Zoning	Frontage	Depth	Land Units	Unit Price	Land Value
1-1	0001	A-1	0	0	4.77 AC	\$3,500	\$16,695

Extra Feature Information

Item	Description	Units	Unit Price	XFOB Value
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Parcel Data for 25-20-27-0000-00-007

Parcel Id	25-20-27-0000-00-007	Address	1096 BAILEY HILL RD	Property Use Code	9900
City Code	U-Unincorporated	Millage Code	11	Exemption Code	

Owner Information

Owner	FIELDS HERMAN &
Address	ROBISON EUGENE
	P O BOX 952307
City, State, ZipCode	LAKE MARY, FL 32795

Value Summary

Value Method	Market
Number of Bldg.	0
Depreciated Bldg. Value	\$0
Depreciated XFOB Value	\$0
Land Size	10.5
Land Value (Market)	\$35,800
Land Value AG	\$0
Market Value	\$35,800
Assessed Value (SOH)	\$35,800
Exempt Value	\$0
Taxable Value	\$35,800
Mapsheet	25-20-27-SE-D

Legal Description

W 3 ACRES OF N1/4 OF NE1/4 OF SE1/4 & W1/2 OF S1/2 OF NW1/4 OF NE1/4 OF SE1/4 (LESS E 15 FT FOR RD) & W1/2 OF N1/2 OF SW1/4 OF NE1/4 OF SE1/4 (LESS E 15 FT FOR RD) & E1/2 OF N1/2 OF SW1/4 OF NE1/4 OF SE1/4 (LESS E 15 FT FOR RD)
2163/293 & 3799/3530

Sales Information

OR Book/Page	Sale Date	Sale Amount	Deed Type	Vac/Imp Code
3799/3530	06/19/1986	\$100	WD	Improved

Display Similar Sales in Subdivision
Building Information

Bld Num	Model Code	Type Code	Bed	Bath	Flrs	Year Built	Gross SF	Heated SF	Int Wall Code	Ext Wall Code	Bld Value	Est. Cost New
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Land Information

Item	Land Use Code	Zoning	Frontage	Depth	Land Units	Unit Price	Land Value
1-1	0001	A-1	0	0	1 LT	\$1,000	\$1,000
1-2	9900		0	0	3 AC	\$4,500	\$13,500
1-3	9900		0	0	7.1 AC	\$3,000	\$21,300

Extra Feature Information

Item	Description	Units	Unit Price	XFOB Value
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Parcel Data for 25-20-27-0000-00-006

Parcel Id	25-20-27-0000-00-006	Address		Property Use Code	9900
City Code	U-Unincorporated	Millage Code	11	Exemption Code	

Value Summary

Value Method	Market
Number of Bldg.	0
Depreciated Bldg. Value	\$0
Depreciated XFOB Value	\$0
Land Size (ESTIMATE)	2.928 AC
Land Value (Market)	\$13,500
Land Value AG	\$0
Market Value	\$13,500
Assessed Value (SOH)	\$13,500
Exempt Value	\$0
Taxable Value	\$13,500
Mapsheet	25-20-27-SE-D

Owner Information

Owner	FIELDS HERMAN &
Address	ROBISON EUGENE
	P O BOX 952307
City, State, ZipCode	LAKE MARY,FL 32795

Legal Description

W 3 ACRES OF N1/4 OF NE1/4
OF SE1/4
3615/1056

Sales Information

OR Book/Page	Sale Date	Sale Amount	Deed Type	Vac/Imp Code
3615/1056	02/01/1985	\$55,000	WD	Vacant
2053/0863	06/01/1971	\$1,500	WD	Improved

Display Similar Sales in Subdivision

Building Information

Bld Num	Model Code	Type Code	Bed	Bath	Flrs	Year Built	Gross SF	Heated SF	Int Wall Code	Ext Wall Code	Bld Value	Est. Cost New
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Land Information

Item	Land Use Code	Zoning	Frontage	Depth	Land Units	Unit Price	Land Value
1-1	9900		0	0	3 AC	\$4,500	\$13,500

Extra Feature Information

Item	Description	Units	Unit Price	XFOB Value
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Parcel Data for 25-20-27-0000-00-026

Parcel Id	25-20-27-0000-00-026	Address		Property Use Code	9900
City Code	U-Unincorporated	Millage Code	11	Exemption Code	

Owner Information

Owner	FIELDS HERMAN &
Address	ROBISON EUGENE
	P O BOX 952307
City, State, ZipCode	LAKE MARY, FL 32795

Value Summary

Value Method	Market
Number of Bldg.	0
Depreciated Bldg. Value	\$0
Depreciated XFOB Value	\$0
Land Size (ESTIMATE)	7.512 AC
Land Value (Market)	\$21,300
Land Value AG	\$0
Market Value	\$21,300
Assessed Value (SOH)	\$21,300
Exempt Value	\$0
Taxable Value	\$21,300
Mapsheet	25-20-27-SE-D

Legal Description

W1/2 OF S1/2 OF NW1/4 OF NE1/4 OF SE1/4 (LESS E 15 FT FOR RD) & W1/2 OF N1/2 OF SW1/4 OF NE1/4 OF SE1/4 (LESS E 15 FT FOR RD) & E1/2 OF N1/2 OF SW1/4 OF NE1/4 OF SE1/4 (LESS E 15 FT FOR RD & LESS N 80 FT OF S 155 FT OF W 150 FT OF E 225 FT, OF N1/2 OF SW1/4 OF NE1/4 OF SE1/4)
3799/3530

Sales Information

OR Book/Page	Sale Date	Sale Amount	Deed Type	Vac/Imp Code
3799/3530	06/01/1986	\$100	WD	Vacant
2163/0293	06/01/1971	\$10,000	WD	Vacant

Display Similar Sales in Subdivision

Building Information

Bld Num	Model Code	Type Code	Bed	Bath	Flrs	Year Built	Gross SF	Heated SF	Int Wall Code	Ext Wall Code	Bld Value	Est. Cost New

Land Information

Item	Land Use Code	Zoning	Frontage	Depth	Land Units	Unit Price	Land Value
1-1	9900		0	0	7.1 AC	\$3,000	\$21,300

Extra Feature Information

Item	Description	Units	Unit Price	XFOB Value

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CENTRAL DISTRICT

To: Enforcement File

Through: James N. Bradner, P.E.

From: Johnny Edwards JE

gm 3/24/98

Date: March 23, 1998

Subject: Orange County - SW
Fields/Robinson Pit

On March 11, 1998, I visited the Fields/Robinson Pit site which formerly had a C&D disposal permit with the Department. Records indicated that the site was inactive and that the permit had expired. However, the site is currently an active land clearing debris disposal site and is operating without a permit from the Department.

There were large piles of land clearing debris on the site. A truck full of LCD was unloaded while I was photographing the site. Photographs are attached on the following page. Mr. Lee Pipkins works in the gate house and keeps records of the incoming loads (without scales). He indicated that the site is owned and managed by Mr. Herman Fields. I informed him that the operation does need a Department general permit for off-site disposal of land clearing debris and that DEP would contact Mr. Fields soon.

An enforcement project was initiated on March 11, 1998, and a warning letter was issued to Herman Fields on March 17, 1998.

Fields/Robinson Pit - Unpermitted Land Clearing
Debris Disposal Site - 3/11/98.

(1)(a-g) - Piles of land clearing debris.



(2)(a-c) - Another view of LCD piles.







Memorandum

Florida Department of
Environmental Protection

Central District

To: File

Through: Dan Morrical

Through: Laxsamee Levin *jax*

From: Michael Tibble

Subject: Fields/Robinson Pit, C&D Landfill, Orange County

Date: July 6, 1995

On July 6, 1995 an inspection was made of the above facility. It was determined that the facility was no longer accepting C&D waste for disposal and had been closed since April. Activity at the site was limited to rearranging the existing waste and removing any recyclable materials. The attendant on duty explained that the owners had applied for a permit to incinerate the tree stumps on site and were planning to use the ash as cover during closure of the site.

mt *MT*



FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOLID WASTE MANAGEMENT FACILITY INSPECTION CHECKLIST

GMS I.D. No. _____ Inspection Date: 7/6
Facility Name: FIELDS/ROBINSON PIT Permit No. SO4B-177230 Expiration Date: 4/7/95
Address (location by section, township and range): 25/20S/27E PLYMOUTH OAKS Rd.
City: PLYMOUTH State: FL Zip: _____
Permittee or Operating Authority: HERMAN FIELDS / GENE ROBINSON
Telephone Number (Permittee or Operating Authority): _____

Inspection Participants - Include ALL Landfill and Department Employees Specifying Titles (Indicate Principal Inspector):

MICHAEL TIBBLE, FDEP

TYPE OF FACILITY:

Landfill

- ☐ Class I
☐ Class II
☐ Class III

Other

- ☐ Composting
☐ Shredder
☐ Incinerator/Trench Burner
☐ Resource Recovery
☐ Energy ☐ Materials

- ☒ C&D Facility
☐ Transfer Station
☐ Unauthorized Disposal

TYPE OF INSPECTION:

- ☐ Construction Completion (☐ phase)
☒ Operation

- ☐ Closure
☐ Post-Closure

- ☐ Reinspection
☐ Complaint Response ☐ Facility File Review
☐ Other

REQUIREMENTS

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

I CONSTRUCTION VERIFICATION	YES	NO	Unk	N/A
1. Subgrade or foundation prepared according to approved plan? 62-701.400(3)(a)2				
2. Liner construction/installation according to approved plan? 62-701.400(3)				
3. Leachate control system installation according to approved plan? 62-701.400(4)				
4. Disposal units constructed at planned intervals? 62-701.400(2)				
5. Gas control system installation according to approved plan? 62-701.400(10)(a)				
6. Surface water management system constructed according to approved plan? 62-701.400(9)				
7. Ground water monitoring system constructed according to approved plan? 62-701.510(2)				
8. Leachate storage constructed according to approved plan? 62-701.400(6)				
9. Liner quality assurance plan followed? 62-701.400(7)				
II OPERATIONS				
10. Trained operator on site at Class I and III during operation? 62-701.500(1)				✓
11. Approved operating plan, complete operating records and all permit support documents available? 62-701.500(2)&(3)&(4)&(13)			✓	
12. Gas monitoring according to permit? 62-701.400(10)(c) and 62-701.500(9)				✓
13. Gas controlled to minimize off site odors? 62-701.400(10)(a)				✓
14. At least one spotter at each working face during operation at Class I and III? 62-701.500(1)				✓
15. Load checking program implemented? 62-701.500(6)				✓
16. Waste compaction as required? 62-701.500(7)(a)	✓			
17. In compliance with all permit specific conditions? 62-701.320(1)	✓			
18. Working face/grade above ground no greater than 3 to 1 rise? 62-701.500(7)(c)	✓			
19. Narrow working face practiced? 62-701.500(7)(d)				✓
20. Only permitted waste types disposed of? 62-701.340(3) and 62-701.500(2)(c)&(6)(a)	✓			
21. In compliance with prohibition on unauthorized scavenging? 62-701.500(7)(h)	✓			
22. Required signs for operational directions and public information? 62-701.500(11)(h)				✓
23. Weighing or measuring of incoming waste? 62-701.500(4)(a)&(2)(d)				✓
24. Method and sequence of filling waste according to approved plan? 62-701.500(2)(f)	✓			
25. Sufficient operating equipment? 62-701.500(11)(a)	✓			
26. Sufficient reserve operating equipment (or other arrangements)? 62-701.500(11)(b)			✓	
27. Adequate communication facilities? 62-701.500(11)(c)			✓	
28. Solid waste being burned in accordance with Department rules? 62-701.300(3)				✓
29. Proper control or disposal of asbestos and other special wastes? 62-701.520(4)				✓

Department copy (white)
Utility copy (yellow)

	YES	NO	Unk	N/A
II OPERATIONS (Continued)				
30. In compliance with prohibition on lead acid battery disposal? 62-701.300(8)(a)				✓
31. In compliance with prohibition on used oil disposal? 62-701.300(8)(b)				✓
32. In compliance with prohibition on yard trash disposal in lined landfills? 62-701.300(8)(c)				✓
33. In compliance with prohibition on white goods disposal? 62-701.300(8)(d)				✓
34. In compliance with prohibition on whole tire disposal? 62-701.300(8)(e)				✓
III MAINTENANCE				
35. Effective barrier to prevent unauthorized entry and dumping? 62-701.500(5)	✓			
36. Adequate vector control using approved methods? 62-701.500(7)(e)	✓			
37. Disposal area easily accessible? 62-701.500(12)	✓			
38. Retention and/or detention ponds, ditches, culverts and berms maintained? 62-701.500(10)	✓			
39. Adequate dust control using approved methods? 62-701.500(11)(e)	✓			
40. Litter control maintained? 62-701.500(7)(i) & (11)(g)	✓			
41. Fire protection and fire fighting facilities adequate and operational? 62-701.500(11)(f)			✓	
42. Ground water wells intact and functioning properly? 62-701.510(2)(b) and 62-701.620(7)				✓
43. Gas vents intact and functioning properly? 62-701.500(9)				✓
44. Leachate control, collection and treatment as required? 62-701.500(8)				✓
IV WATER MANAGEMENT AND MONITORING				
45. Water quality sampling and testing according to standard procedures and at required frequency? 62-701.510(2)				✓
46. Mixing of leachate and storm water prevented? 62-701.400(9)(d)				✓
47. Storm water run-on/runoff controlled, collected and treated as required? 62-701.400(9) and 62-701.500(10)				✓
48. Leachate sampling and testing as required? 62-701.500(8)				✓
V COVER				
49. Adequate quantity of acceptable cover material available as stated in permit application? 62-701.330(4)(e)4	✓			
50. Frequency, amount and quality of initial cover as required? 62-701.500(7)(e)				✓
51. Frequency, amount and quality of intermediate cover as required? 62-701.500(7)(f)	✓			
52. Adequate erosion control? 62-701.500(7)(j)	✓			
VI CLOSURE				
53. Final cover installation according to approved closure design plan? 62-701.600(5)(f)(2)				
54. Facility meets closure requirements prohibiting unauthorized dumping? 62-701.600(5)(i)				
55. All actions for closure completed according to approved closure operation plan? 62-701.600(6)				
56. Final survey, site plan and "Declaration to the Public" filed at county clerks office and certified copy filed with the Department? 62-701.610(2)				
57. In compliance with approved use of closed landfill and integrity of environmental protection is maintained? 62-701.610(7)				
58. Long term care performed according to approved closure plan? 62-701.620				
59. In compliance with all financial assurance requirements? 62-701.630				
VII NON-LANDFILL SITES				
60. Materials recovery facility operation in compliance with all permit conditions and other applicable requirements? 62-701.700				
61. Transfer station operation in compliance with all general permit conditions and other applicable requirements? 62-701.801				
62. Resource recovery facility in compliance with all permit conditions and other applicable requirements? 62-701.320(1)				
63. Milling facility in compliance with all permit conditions and other applicable requirements? 62-701.320(1)				
64. Only authorized wastes disposed of at C&D facility? 62-701.730(6)	✓			
65. C&D facility in compliance with all permit conditions and other applicable requirements? 62-701.730 and 62-701.803	✓			

Department copy (white)
Facility copy (yellow)

VIII NARRATIVE

Explanation for all "no" responses and other comments (continue on separate sheet if necessary)

Site is currently accepting land clearing Debris. Activities include salvaging recyclable materials from existing waste piles and rearranging waste. Site has been closed since April to regular business. Facility plans to run an incinerator once all permits have been obtained. The ash from the incinerator will be used as final cover during closure.

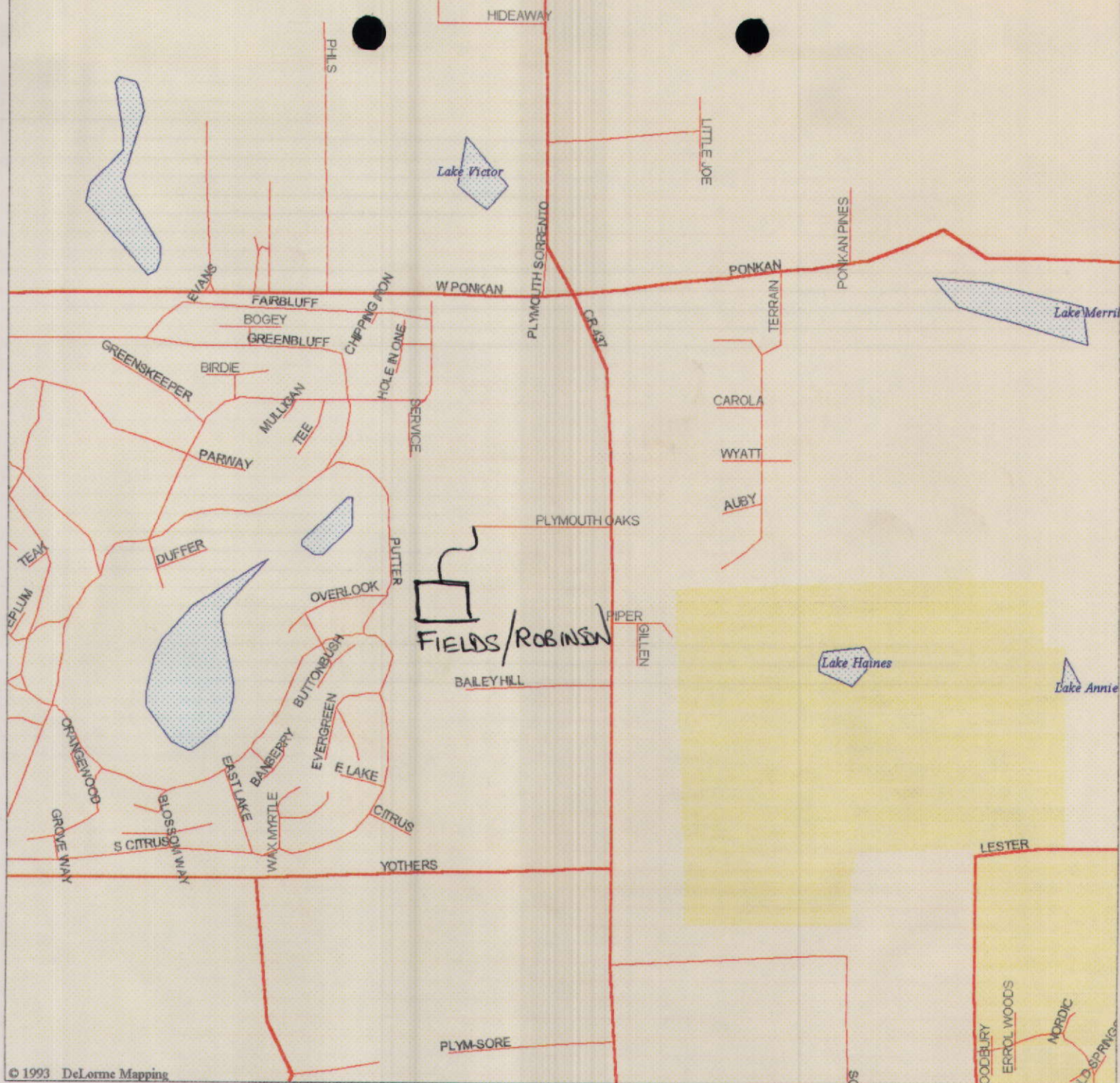
Signed: Michael Yell 7/10/95 Received: _____
DEP Representative Date Site Representative Date

FIELDS / ROBINSON PIT

INSPECTION, ~~to~~ 7/6/95







LEGEND

- Population Center
- Street, Road
- Major Street/Road
- US Highway
- Railroad
- Open Water

Scale 1:15,625 (at center)

1000 Feet

500 Meters

Mag 15.00

Thu Jul 06 08:51:35 1995



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

March 8, 1995

Fields/Robinson Pit
Post Office Box 964
Altamonte Springs FL 32714

OCD-SW-95-0088

ATTENTION: Herman Fields or Gene Robinson

Orange County - SW
Fields/Robinson C&D Landfill
Envirocycle Inc.

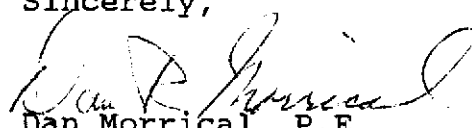
Dear Mr. Fields or Robinson:

Envirocycle is a Materials Recovery Facility (MRF) and C&D Recycler based out of South Florida and currently under permit with the Department's Southeast district. One of the specific conditions of Envirocycle's permit states that any unrecyclable waste generated by the facility must go to a Class I landfill for disposal.

It has been brought to the attention of this office that the above referenced facility may have disposed of its unrecyclable waste at C&D facilities in Central Florida. We would appreciate your assistance in letting us know if Envirocycle contacts you about accepting their waste for disposal.

Please address any questions or comments to Michael Tibble or Scott Wesson at (407) 894-7555 or write to the above address.

Sincerely,


Dan Morrical, P.E.
Program Manager
Solid Waste

W
DRM/mt^{mt}

THE CIVIL DESIGN GROUP
INC.

ENGINEERS • SURVEYORS • PLANNERS • 401 South Rosalind Avenue • Suite 200 • Orlando, Florida 32801 • (407) 843-4140

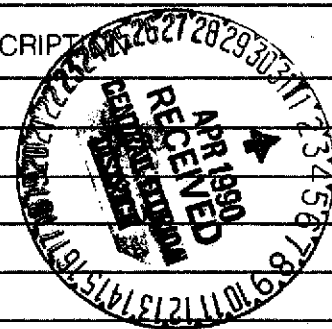
TO Mr. A.T. Sawicki, P.E. DATE April 2, 1990
Florida Department of Environmental JOB NO. 88-26
Regulation RE Fields/Robinson
3319 Maguire Blvd. Suite 232 C & D Permits
Orlando, Florida 32803-3767

GENTLEMEN:

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____
the following items:

☐ Shop Drawings ☒ Prints ☐ Plans ☐ Samples
☐ Copy of Letter ☐ Change Order ☐ Specifications ☐ _____

COPIES	DATE	NO.	DESCRIPTION
2			Revised Drawings



THESE ARE TRANSMITTED As Checked Below:

☐ For approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval
☐ For your use ☐ Approved as noted ☐ Submit _____ copies for distribution
☒ As requested ☐ Returned for corrections ☐ Return _____ corrected prints
☒ For review and comment ☐ _____ ☐ _____
☐ For bids due _____ 19____
☐ Prints returned after loan to us

REMARKS Tom:
Per our Conversation of last week, Fields/Robinson Drawings
have been revised to show 200' setback from Pond Area. If you have
any questions or require any additional data, please do not hesitate
to contact me.

Neil McLeod
Engineering Technician

SIGNED _____

DISTRIBUTION _____

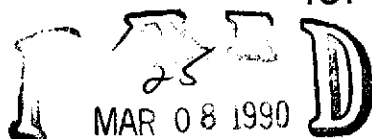


Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form # 17-701.900(1)	
Notif. of Intent to Use a Gen. Perm. for a Const. Form Title and Demolition Debris S. W. Mgmt. Facility	
Effective Date	August 1, 1989
DER Application No.	(Filed in by DER)

Notification of Intent to Use a General Permit for a Construction and Demolition Debris Solid Waste Management Facility



CENTRAL FLORIDA
DISTRICT

ID Number (Internal Use Only) _____

Application Date _____



GENERAL REQUIREMENT: Disposal facilities for construction and demolition debris are permitted in accordance with Florida Administrative Code Rule 17-701.061(4). The permit applicant, by completing, signing and sending this notice to the Department of Environmental Regulation, agrees to the conditions for a construction and demolition debris disposal facility and is hereby granted a permit by rule provided Rule conditions are fulfilled. Send two copies of this notice, by certified mail, to the District Office of the Department in which the facility is located. Complete all entries by typing or printing in ink.

- Applicant Name: HERMAN FIELDS, GENE ROBINSON
- Facility Name (if different): FIELDS/ROBINSON PIT
- Mailing Address: P.O. BOX 964, ALTAMONTE SPRINGS, FLORIDA 32714
- Street Address: 1530 FOREST STREET, LONGWOOD, FLORIDA 32750
City ALTAMONTE SPRINGS, County SEMINOLE COUNTY Zip 32714
- Phone Number: (407) 834-8220
- Facility Location (main entrance): WEST OF PLYMOUTH-SORRENTO ROAD ON PLYMOUTH OAKS ROAD
Section 25, Township 20 SOUTH, Range 27 EAST
Latitude 28 ° 43 ' 19 " Longitude 81 ° 34 ' 08 "
- Property Owner's Name (if different from applicant): SAME AS APPLICANT
- Mailing Address: _____
- Street Address: _____
City _____ County _____ Zip _____
- Phone Number: (_____) _____
- If the property owner is different from applicant, include evidence of authorization to use property as a construction and demolition debris disposal facility (e.g., contract, lease, or signed letter).
- Acres Within Property Boundary: 10.65 ACRES
- Acres Used for Waste Disposal: 9.00 ACRES
- Planned Active Life of the Facility: 15 TO 20 years

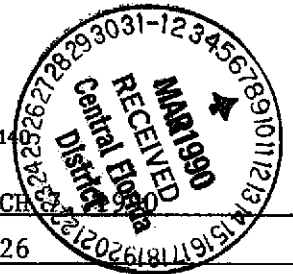
DER Form # 17-701.900(1)
Notif. of Intent to Use a Gen. Perm. for a Const. and Demolition Debris S. W. Mngt. Facility
Form Title
Effective Date August 1, 1989
DER Application No. _____ (Filed in by DER)

15. General Description of Operations: PROVIDE SITE FOR DISPOSAL OF CONSTRUCTION AND DEMOLITION
DEBRIS IN ACCORDANCE WITH F.A.C. RULE 17-701.061(4).

I, HERMAN FIELDS, GENE ROBINSON hereby certify that I will operate, close and maintain this facility in accordance with applicable rules of the Florida Administrative Code and agree that Department personnel may enter onto the property to inspect the facility during normal business hours.


Applicant Signature


Applicant Signature



TO FLORIDA DEPARTMENT OF ENV. REGULATION DATE MARCH
SOLID WASTE MANAGEMENT DEPT. JOB NO. 88-26
CENTRAL DISTRICT - 3319 MAGUIRE BLVD. RE CONSTRUCTION DEMOLITION
SUITE 232 DEBRIS PERMIT FOR FIELDS
ORLANDO, FL 32803 AND ROBINSON

GENTLEMEN:

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____
the following items:

☐ Shop Drawings ☒ Prints ☐ Plans ☐ Samples
☐ Copy of Letter ☐ Change Order ☐ Specifications ☐ _____

COPIES	DATE	NO.	DESCRIPTION
2			GENERAL PERMIT FOR A CONSTRUCTION & DEMOLITION
			DEBRIS SOLID WASTE FACILITY
2			CONSTRUCTION DRAWINGS
1			CHECK FOR APPLICATION FEE IN THE AMOUNT OF \$25.00

THESE ARE TRANSMITTED As Checked Below:

☐ For approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval
☐ For your use ☐ Approved as noted ☐ Submit _____ copies for distribution
☐ As requested ☐ Returned for corrections ☐ Return _____ corrected prints
☒ For review and comment ☐ _____ ☐ _____
☐ For bids due _____ 19____
☐ Prints returned after loan to us

REMARKS IF YOU HAVE ANY QUESTIONS OR REQUIRE ANY ADDITIONAL DATA,
PLEASE CONTACT MR. NEIL McLEOD, ENGINEERING TECHNICIAN, OF OUR
OFFICE.

SIGNED *Lucy A. Brecht*

DISTRIBUTION _____



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

DER Form # 17-701.900(1)
Notif. of Intent to Use a Gen. Perm. for a Const. Form Taz. and Demolition Debris S. W. Mgmt. Facility
Effective Date August 1, 1989
DER Application No. _____ (Filed in by DER)



Notification of Intent to Use a General Permit for a Construction and Demolition Debris Solid Waste Management Facility

ID Number (Internal Use Only) _____

Application Date _____

GENERAL REQUIREMENT: Disposal facilities for construction and demolition debris are permitted in accordance with Florida Administrative Code Rule 17-701.061(4). The permit applicant, by completing, signing and sending this notice to the Department of Environmental Regulation, agrees to the conditions for a construction and demolition debris disposal facility and is hereby granted a permit by rule provided Rule conditions are fulfilled. Send two copies of this notice, by certified mail, to the District Office of the Department in which the facility is located. Complete all entries by typing or printing in ink.

1. Applicant Name: HERMAN FIELDS, GENE ROBINSON
2. Facility Name (if different): FIELDS/ROBINSON PIT
3. Mailing Address: P.O. BOX 964, ALTAMONTE SPRINGS, FLORIDA 32714
4. Street Address: 1530 FOREST STREET, LONGWOOD, FLORIDA 32750
City ALTAMONTE SPRINGS, County SEMINOLE COUNTY Zip 32714
5. Phone Number: (407) 834-8220
6. Facility Location (main entrance): WEST OF PLYMOUTH-SORRENTO ROAD ON PLYMOUTH OAKS ROAD
Section 25, Township 20 SOUTH, Range 27 EAST
Latitude 28 ° 43 ' 19 " Longitude 81 ° 34 ' 08 "
7. Property Owner's Name (if different from applicant): SAME AS APPLICANT
8. Mailing Address: _____
9. Street Address: _____
City _____ County _____ Zip _____
10. Phone Number: (_____) _____
11. If the property owner is different from applicant, include evidence of authorization to use property as a construction and demolition debris disposal facility (e.g., contract, lease, or signed letter).
12. Acres Within Property Boundary: 10.65 ACRES
13. Acres Used for Waste Disposal: 9.00 ACRES
14. Planned Active Life of the Facility: 15 TO 20 years

DER Form 17-701.000(1)
Notit. of Intent to Use a Gen. Perm. for a Const. and Demolition Debris S. W. Mngt. Facility
Form Title
Effective Date August 1, 1989
DER Application No. _____ (Filed in by DER)

15. General Description of Operations: PROVIDE SITE FOR DISPOSAL OF CONSTRUCTION AND DEMOLITION DEBRIS IN ACCORDANCE WITH F.A.C. RULE 17-701.061(4).

I, HERMAN FIELDS, GENE ROBINSON hereby certify that I will operate, close and maintain this facility in accordance with applicable rules of the Florida Administrative Code and agree that Department personnel may enter onto the property to inspect the facility during normal business hours.

Eugen Robinson
Applicant Signature

Herman Fields
Applicant Signature

CENTRAL FLORIDA DISTRICT

MEETING DOCUMENTATION

COUNTY: Orange CountyTYPE: LandfillCASE NAME: Field and Robinson - Class III - ProposedDATE OF MEETING: 2/5/90

TIME START AND

CONCLUDE: —ENFORCEMENT ☐PERMITTING ☒OTHER ☐MEETING REQUESTED BY: Bryant Marshall - Westinghouse

ATTACH MEETING ATTENDANCE RECORD (Form EF-1 8/84)

OBJECTIVE(S) OF MEETING:

1) To discuss the Hydrogeological information that would be needed for this site, 2) To discuss whether or not a ground water monitoring plan would be required.

DISCUSSION:

The site is a clay pit just north (adjacent to) the Orange County Plymouth Class III Site. It was planned to fill the pit to pre-existing elevation with Class III material, sod + seed.

The permittee was under the impression that this would qualify the site as a yard-trash composting site and therefore ground water monitoring would not be required.

It was pointed out that Compositing required chipping, turning, and reuse (among other things) and that this site would not qualify as proposed.

(Continued on Second Page - Yes ☒ No ☐)Page 1 of 2



Department of Environmental Protection

Lawton Chiles
Governor

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

Virginia B. Wetherell
Secretary

Mr. Royce D. Pipkins
Acme Recycling, Inc.
Post Office Box 594
Plymouth, Florida 32768-0594

OCD-SW-98-0318

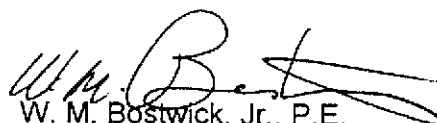
Orange County - SW
Acme Recycling, Inc. - Land Clearing Debris
Notification of Use of General Permit
For a Land Clearing Debris Disposal Facility
Permit Number SO48-0143174-001

~~Don't know~~ 8/10/98

Dear Mr. Pipkins:

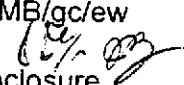
In response to your request, this letter is to advise you that the Department has received your notice of intent to use a general permit as provided in Rules 62-4 and 62-701, Florida Administrative Code, (F.A.C.), for a Land Clearing Debris Disposal Facility and does not object to your use of such general permit. Please be advised that you are required to abide by all conditions in Rules 62-4.510 through 62-4.540, F.A.C., the general requirements for general permits, and Rule 62-701.803, F.A.C.

Sincerely,


W. M. Bostwick, Jr., P.E.
Program Administrator
Waste Management

Date: 8/10/98

WMB/gc/ew


Enclosure

Copies furnished to:
Mary Jean Yon - DEP - Tallahassee
Orange County Environmental Protection Department

Events Scheduled

Site #: 0143174 Name: ACME RECYCLING (SW)
 Permit #: 0143174-001-SO Type/Subtype: SO /26 Received: 16-JUL-1998
 Project #: 001 Name: ACME RECYCLING

Event	Begin Date	Prd	Due Date	Rmn	Status	End Date
Receive Request	16-JUL-1998	1	17-JUL-1998		Done	16-JUL-1998
Entitlement Review	16-JUL-1998	30	15-AUG-1998		Done	10-AUG-1998
Determine Agency A	16-JUL-1998	30	15-AUG-1998		Effective	10-AUG-1998
ISSUE PERMIT	10-AUG-1998	1	11-AUG-1998		Effective	10-AUG-1998
STOP CLOCK	10-AUG-1998	1	11-AUG-1998		Done	10-AUG-1998

Database has been successfully updated.
 Please acknowledge message. (Ok)



Florida Department of Environmental Regulation

Central District • 3319 Maguire Boulevard, Suite 232 • Orlando, Florida 32803-3767

Lawton Chiles, Governor

Carol M. Browner, Secretary

January 16, 1992

Fields/Robinson Pit
Post Office Box 964
Altamonte Springs, Florida 32714

OCD-SW-92-0023

Attention: Messrs. Herman Fields and
Gene Robinson

Orange County - SW
Fields/Robinson Pit
Notification of Use of a
General Permit for a Construction
& Demolition Debris Facility
Permit No. S059-177230

Dear Messrs. Fields and Robinson:

Since your disposal facility in the above referenced permit is located in Orange County and not Seminole County, the permit number will be S048-177230 instead of S059-177230 to reflect the change in County code.

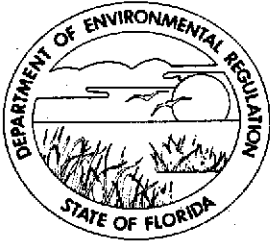
Please attach this letter to permit issued March 29, 1990.

Sincerely,

Richard B. Tedder, P.E.
Section Manager
Solid Waste Program

RBT/gcw

cc: Neil McLeod - The Civil Design Group



Florida Department of Environmental Regulation

Central District • 3319 Maguire Boulevard, Suite 232 • Orlando, Florida 32803-3767 • 407-894-7555

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary
Alex Alexander, Deputy Assistant Secretary

March 29, 1990

Permittee: Fields/Robinson Pit
Post Office Box 964
Altamonte Springs, FL 32714

Attention: Messrs. Herman Fields and
Gene Robinson

Permit/Certification

Number: S059-177230

Date Notification

Received: 3/8/90

Expiration Date: 4/7/95

County: Seminole

Section/Township/Range

25 /20 South/27 East

Latitude/Longitude:

28°43'19"/81°34'08"

Project: Fields/Robinson Pit -
General Permit for Construction
and Demolition Debris Solid Waste
Management Facility

The Construction & Demolition Debris General Permit Notification under the provisions of Chapter 403, Florida Statutes (F.S.), Chapter 88-130, Laws of Florida and Florida Administrative Code (F.A.C.) Rules 17-4 and 17-701, was received on the date shown above. Please be advised that the activity shown on the Construction & Demolition Debris General Permit Notification DER Form 17-701.900(1) on file with the department may not begin until thirty (30) days from the date of receipt by the department.

The use of a General Permit for the activity is valid only if the requirements in Rules 17-4.510 through 17-4.540 and 17-701.803 are met. Any deviation will subject the permittee to enforcement action and possible penalties.

A copy of Rules 17-4.510 through 17-4.540 and 17-701.803, F.A.C. is attached.

Sincerely,

A. Alexander, P.E.
Deputy Assistant Secretary

AA/gcw
17

Attachment

cc: Bill Hinkley, Solid Waste Program - DER - Tallahassee

843 - 4140

GENERAL PERMIT ISSUE DATE — MARCH 29, 1990

03/09/90

APPL RECVD:03/08/90 TYPE CODE:50 SUBCODE:10 LAST UPDATE:03/09/90

DER OFFICE RECVD: ORL DER OFFICE TRANSFER TO: APPLICATION COMPLETE: 00000000

APPL STATUS:AC DATE:03/08/90 (ACTIVE/DENIED/WITHDRAWN/EXEMPT/ISSUED/RECEIVED)

(Y/N) N MANUAL TRACKING

DISTRICT:30 COUNTY:59

(Y/N) DNR REVIEW REQD?

LAT/LONG:28.43.19/81.34.08

(Y/N) N PUBLIC NOTICE READ?

BASIN-SEGMENT:

(Y/N) N 60V BODY LOCAL APPROVAL REQD?

COE #:

(Y/N) Y LETTER OF INTENT REQD? (I/ISSUE D/DENY)

ALT#:

STREET:1530 FOREST STREET

CITY:LONGWOOD

STATE:FL ZIP:32750

PHONE: - -

APPLICATION NAME: FIELDS, HERMAN/ROBINSON, GENE

STREET: POST OFFICE BOX 964

CITY:ALTAMONTE SPRINGS

STATE:FL ZIP:32714

PHONE=407-834-8220

AGENT NAME:

STREET:

CITY:

STATE:

ZIP:

PHONE •

FEE #1 DATE PAID:03/08/90 AMOUNT PAID:00025 RECEIPT NUMBER:00152108

DATE	DESCRIPTION	STATUS	DATE
B DATE	APPLICATION INFORMED OF NEED FOR PUBLIC NOTICE	- - - -	---/---/---
C DATE	DER SENT DNR APPLICATION/SENT DNR INTENT	- - - -	---/---/---
D DATE	DER REQ. COMMENTS FROM GOV. BODY FOR LOCAL APP.	- - - -	---/---/---
E DATE	#1 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - - -	---/---/---
E DATE	#2 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - - -	---/---/---
E DATE	#3 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - - -	---/---/---
E DATE	#4 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - - -	---/---/---
E DATE	#5 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - - -	---/---/---
E DATE	#6 ADDITIONAL INFO REQ--REC FROM APPLICANT	- - - -	---/---/---
F DATE	GOVERNING BODY REQUESTED SURVEY RESULTS/REPORTS	- - - -	---/---/---
G DATE	FIELD REPORT WAS REQ--REC	- - - -	---/---/---
H DATE	DNR REVIEW WAS COMPLETED	- - - -	---/---/---
I DATE	APPLICATION WAS COMPLETE	- - - -	00/00/00
J DATE	GOVERNING BODY PROVIDED COMMENTS OR OBJECTIONS	- - - -	---/---/---
K DATE	NOTICE OF INTENT WAS SENT--REC TO APPLICANT	- - - -	---/---/---
L DATE	PUBLIC NOTICE WAS SENT TO APPLICANT	- - - -	---/---/---
M DATE	PROOF OF PUBLICATION OF PUBLIC NOTICE RECEIVED	- - - -	---/---/---
N	WAIVER DATE BEGIN--END (DAY 90)	- - - -	---/---/---

COMMENTS:

PERMIT #: 59177230

APPLICANT NAME: Fields / Robinson Pitt

TYPE OF PERMIT: 30

SUBTYPE: 10

STATUS: DE, GP, EX, WI, RAI PERMIT PROCESSING (FORM 4-100-CA 01)

OFFICE:

DATE	TIME BEGIN	TIME END	TOTAL TIME (15 MIN)	COMMENTS	POSITION TITLE
ENTERED MAR 08 1990			15		DEVS
3/8/90	12:00	12:30	30	typed 6P	sup. gph.
3/29/90	7:30	9:30	2.0	Review file - draft permit	ENG. III
4/3	11:20	11:25	15	Review OK	READER
3/29	8:30	8:45	15	Review draft permit & file	PC II
4/3	2:00	2:15	15	Keoed & marked 6P	sup. gph.
			3.5 Hrs		
4/6/92	8:30	8:45	.25	typed the change, cs. code	sup. gph.
4/6/92	10:30	10:45	.25	Keoed & marked	sup. gph.

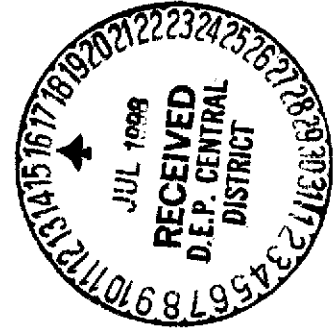
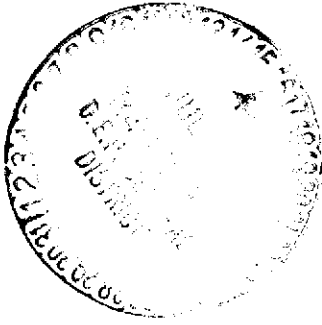
FILE COPY
Show wells on Map

WELL PROXIMITY LISTING

DATA PROVIDED BY

ST. JOHNS RIVER

WATER MANAGEMENT DISTRICT



FOR

**FIELDS AND ROBISON
C & D PERMIT RENEWAL SUBMITTAL PACKAGE
ORANGE COUNTY, FLORIDA**

PREPARED FOR:


ORANGE COUNTY PUBLIC UTILITIES

**JIM MC DONALD, P.E.
109 E. CHURCH STREET
ORLANDO, FLORIDA 32801**

PREPARED BY:



**THE
CIVIL DESIGN GROUP
INC.**
ENGINEERS • SURVEYORS • PLANNERS
ORLANDO, FLORIDA


Hugh M. Lokey, P.E.
Florida Registration No. 16583
8-29-94

The attached list is data that was supplied to our office by the St. Johns River Water Management District.

Both the Orange County Environmental Protection Agency and the Orange County Health Department were contacted. Our firm was advised that the data requested by the Orange County Public Utilities Division for the renewal permit for the Field and Robison C & D Permit is not available in any record form that the Orange County Agencies listed can provide. Both agencies advised our firm that the St. Johns River Water Management District would be the only agency that could provide any data on well locations in Orange County, Florida.

The attached list indicates that in the nine (9) section area that surrounds the project a total of seventy six (76) wells are on file with the water management district.

PERMITTED WATER WELL CONSTRUCTION PERMIT

PAGE:

1

PERMIT NO.: 3-095-0470PG
RELATED CUP: 2-095-0283NM2G
DATE RECD: 11/19/90
DATE ISSUED: 1/16/91
EXPIRATION: 1/15/92

SUR. CASING:
OPEN HOLE: 14"
CASED DEPTH:
TOTAL DEPTH:

CONTRACTOR: 2302

TOP 20:
BOTTOM-TOP: X
BOTTOM 5:

OWNER: ORANGE COUNTY PUBLIC UTILITIES
109 E. CHURCH STREET
ORLANDO FL 32801
METHOD USED: MUD ROTARY AIR REV
CASING MATL: CARBON STEEL ASTM A-5
ANNULAR MATL:

WELL USE: PUBLIC SUPPLY
PROJECT: PLYMOUTH WATER SERVICE AREA
LOCATION:
COUNTY: 95
SECTION: 36 TOWNSHIP: 20 RANGE: 27
LATITUDE: LONGITUDE:
MOD. DESC.:

AB. DESC.:

COMMENTS:

CONDITIONS: SEE PERMIT

NEW WELL: XX
MODIFIED:
ABANDONMENT:
CASING

WATER WELL CONSTRUCTION LOGS:

THICK	DIAMETER	C. DEPTH	F. DEPTH	T. DEPTH	G. DEPTH	LOG
20	0.00	0	51	60	1	CEMENT 135 SK
14	0.00	0	0	0	4	CEMENT 778SK
14	0.00	0	0	0	1	CEMENT 129 SK
0	20.00	0	0	0	0	FINE TAN SAND
0	40.00	0	0	0	0	ORANGE CLAY AND
0	40.00	0	0	0	0	BLUE CLAY AND SA
0	40.00	0	0	0	0	MED HARD LIMESTO
0	40.00	0	0	0	0	VOID
0	40.00	0	0	0	0	SOFT WHITE TAN L
0	40.00	0	0	0	0	MED HARD LIMESTO

WATER WELL CONSTRUCTION LOGS:

✓ PERMIT NUMBER: 3-095-0470PG

THICK: DIAMETER: C.DEPTH: F.DEPTH: T.DEPTH: G.DEPTH: LOG:

0	40.00	0	0	0	0	SOFT WHITE LIMES
0	40.00	0	0	0	0	DOLOMITE
0	40.00	0	0	0	0	SOFT WHITE LIMES
0	40.00	0	0	0	0	HARD DOLOMITE
0	40.00	0	0	0	0	LIMESTONE
20	0.00	0	0	0	1	CEMENT 135 SK
14	0.00	0	0	0	4	CEMENT 778SK
14	0.00	0	0	0	1	CEMENT 129 SK
0	20.00	0	0	0	0	FINE TAN SAND
0	40.00	0	0	0	0	ORANGE CLAY AND
0	40.00	0	0	0	0	BLUE CLAY AND SA
0	40.00	0	0	0	0	MED HARD LIMESTO
0	40.00	0	0	0	0	VOID
0	40.00	0	0	0	0	SOFT WHITE TAN L
0	40.00	0	0	0	0	MED HARD LIMESTO
0	40.00	0	0	0	0	SOFT WHITE LIMES
0	40.00	0	0	0	0	DOLOMITE
0	40.00	0	0	0	0	SOFT WHITE LIMES
0	40.00	0	0	0	0	HARD DOLOMITE
0	40.00	0	0	0	0	LIMESTONE

PERMITTED WATER WELL CONSTRUCTION PERMIT

PAGE:

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• PERMIT NO.: 3-095-0470PG
RELATED CUP: 2-095-0283NM2G
DATE RECD: 11/19/90
DATE ISSUED: 1/16/91
EXPIRATION: 1/15/92

SUR. CASING:
OPEN HOLE: 14"
CASED DEPTH:
TOTAL DEPTH:

CONTRACTOR: 2302

TOP 20:
BOTTOM-TOP: X
BOTTOM 5:

OWNER: ORANGE COUNTY PUBLIC UTILITIES
109 E. CHURCH STREET
ORLANDO FL 32801
METHOD USED: MUD ROTARY AIR REV
CASING MATL: CARBON STEEL ASTM A-5
ANNULAR MATL:

WELL USE: PUBLIC SUPPLY
PROJECT: PLYMOUTH WATER SERVICE AREA
LOCATION:
COUNTY: 95
SECTION: 36 TOWNSHIP: 20 RANGE: 27
LATITUDE: LONGITUDE:
MOD. DESC.:

AB. DESC.:

COMMENTS:

CONDITIONS:

NEW WELL: XX
MODIFIED:
ABANDONMENT:
CASING

WATER WELL CONSTRUCTION LOGS:

THICK	DIAMETER	C. DEPTH	F. DEPTH	T. DEPTH	G. DEPTH	LOG
20	0.00	0	51	60	1	CEMENT 135 SK
14	0.00	0	0	0	4	CEMENT 778SK
14	0.00	0	0	0	1	CEMENT 129 SK
0	20.00	0	0	0	0	FINE TAN SAND
0	40.00	0	0	0	0	ORANGE CLAY AND
0	40.00	0	0	0	0	BLUE CLAY AND SA
0	40.00	0	0	0	0	MED HARD LIMESTO
0	40.00	0	0	0	0	VOID
0	40.00	0	0	0	0	SOFT WHITE TAN L
0	40.00	0	0	0	0	MED HARD LIMESTO

WATER WELL CONSTRUCTION LOGS:

PERMIT NUMBER: 3-095-0470PG

THICK: DIAMETER: C.DEPTH: F.DEPTH: T.DEPTH: G.DEPTH: LOG:

0	40.00	0	0	0	0	SOFT WHITE LIMES
0	40.00	0	0	0	0	DOLOMITE
0	40.00	0	0	0	0	SOFT WHITE LIMES
0	40.00	0	0	0	0	HARD DOLOMITE
0	40.00	0	0	0	0	LIMESTONE
20	0.00	0	0	0	1	CEMENT 135 SK
14	0.00	0	0	0	4	CEMENT 778SK
14	0.00	0	0	0	1	CEMENT 129 SK
0	20.00	0	0	0	0	FINE TAN SAND
0	40.00	0	0	0	0	ORANGE CLAY AND
0	40.00	0	0	0	0	BLUE CLAY AND SA
0	40.00	0	0	0	0	MED HARD LIMESTO
0	40.00	0	0	0	0	VOID
0	40.00	0	0	0	0	SOFT WHITE TAN L
0	40.00	0	0	0	0	MED HARD LIMESTO
0	40.00	0	0	0	0	SOFT WHITE LIMES
0	40.00	0	0	0	0	DOLOMITE
0	40.00	0	0	0	0	SOFT WHITE LIMES
0	40.00	0	0	0	0	HARD DOLOMITE
0	40.00	0	0	0	0	LIMESTONE

PERMITTED WATER WELL CONSTRUCTION PERMIT

PAGE:

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PERMIT NO.: 3-095-0471PG
 RELATED CUP: 2-095-0283NM2G
 DATE RECD: 11/19/90
 DATE ISSUED: 1/16/91
 EXPIRATION: 1/15/92

SUR. CASING:
 OPEN HOLE: 14"
 CASED DEPTH:
 TOTAL DEPTH:

CONTRACTOR: 2302

TOP 20:
 BOTTOM-TOP: X
 BOTTOM 5:

OWNER: ORANGE COUNTY PUBIC UTILITIES METHOD USED: MUD ROTARY AIR REV
 109 E. CHURCH STREET CASING MATL: CARBON STEEL ASTM A-5
 ORLANDO FL 32801 ANNULAR MATL:

WELL USE: PUBLIC SUPPLY
 PROJECT: PLYMOUTH WATER SERVICE AREA
 LOCATION:
 COUNTY: 95
 SECTION: 36 TOWNSHIP: 20 RANGE: 27
 LATITUDE: LONGITUDE:
 MOD. DESC.:

AB. DESC.:

COMMENTS:

CONDITIONS: SEE PERMIT

NEW WELL: XX
 MODIFIED:
 ABANDONMENT:
 CASING

WATER WELL CONSTRUCTION LOGS:

THICK	DIAMETER	C. DEPTH	F. DEPTH	T. DEPTH	G. DEPTH	LOG
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PERMITTED WATER WELL CONSTRUCTION PERMIT

PAGE:

6

PERMIT NO.: 3-095-0471PG
 RELATED CUP: 2-095-0283NM2G
 DATE RECD: 11/19/90
 DATE ISSUED: 1/16/91
 EXPIRATION: 1/15/92

SUR. CASING:
 OPEN HOLE: 14"
 CASED DEPTH:
 TOTAL DEPTH:

CONTRACTOR: 2302

TOP 20:
 BOTTOM-TOP: X
 BOTTOM 5:

OWNER: ORANGE COUNTY PUBIC UTILITIES METHOD USED: MUD ROTARY AIR REV
 109 E. CHURCH STREET CASING MATL: CARBON STEEL ASTM A-5
 ORLANDO FL 32801 ANNULAR MATL:

WELL USE: PUBLIC SUPPLY
 PROJECT: PLYMOUTH WATER SERVICE AREA
 LOCATION:
 COUNTY: 95
 SECTION: 36 TOWNSHIP: 20 RANGE: 27
 LATITUDE: LONGITUDE:
 MOD. DESC.:

AB. DESC.:

COMMENTS:

CONDITIONS:

NEW WELL: XX
 MODIFIED:
 ABANDONMENT:
 CASING

WATER WELL CONSTRUCTION LOGS:

THICK	DIAMETER	C. DEPTH	F. DEPTH	T. DEPTH	G. DEPTH	LOG
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PERMITTED WATER WELL CONSTRUCTION PERMIT

PAGE:

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PERMIT NO.: 3-095-0560WB
 RELATED CUP: NO CUP
 DATE RECD: 2/ 3/92
 DATE ISSUED: 3/12/92
 EXPIRATION: 3/11/93

SUR. CASING: 8.00
 OPEN HOLE: 9
 CASED DEPTH: 0
 TOTAL DEPTH: 0

CONTRACTOR: 1970

TOP 20:
 BOTTOM-TOP:
 BOTTOM 5:

OWNER: HARRY GREENE
 PO BOX 55
 KILLARNEY FL 34740

METHOD USED: NA
 CASING MATL: IRON
 ANNULAR MATL: GROUT

WELL USE: IRRIGATION

PROJECT:

LOCATION:

COUNTY: 95

SECTION: 35 TOWNSHIP: 20 RANGE: 27

LATITUDE: LONGITUDE:

MOD. DESC.:

AB. DESC.:

ABANDONMENT PLAN APPROVED BY DISTRICT

COMMENTS:

EMERGENCY AUTHORIZATION 2/27/92 PER JIM FRAZEE

CONDITIONS: 21A 21B 21C 25

NEW WELL:

MODIFIED:

ABANDONMENT: X

CASING

WATER WELL CONSTRUCTION LOGS:

<u>THICK</u>	<u>DIAMETER</u>	<u>C. DEPTH</u>	<u>F. DEPTH</u>	<u>T. DEPTH</u>	<u>G. DEPTH</u>	<u>LOG</u>
0	0.00	0	18	18	0	LIMEROCK
0	0.00	0	0	0	0	NEAT CEMENT
0	0.00	0	0	0	0	LIMEROCK
0	0.00	0	0	0	0	NEAT CEMENT

PERMITTED WATER WELL CONSTRUCTION PERMIT

PAGE:

8

PERMIT NO.: 3-095-0591PM
 RELATED CUP:
 DATE RECD: 9/17/92
 DATE ISSUED: 10/ 6/92
 EXPIRATION: 10/ 5/93

SUR. CASING: 8.00
 OPEN HOLE:
 CASED DEPTH: 0
 TOTAL DEPTH: 0

CONTRACTOR: 1966

TOP 20:
 BOTTOM-TOP:
 BOTTOM 5:

OWNER: ORANGE COUNTY PUBLIC UTILITIES
 201 SOUTH ROSALIND AVE
 ORLANDO FL 32802

METHOD USED:
 CASING MATL:
 ANNULAR MATL:

WELL USE: PUBLIC SUPPLY

PROJECT:

LOCATION:

COUNTY: 95

SECTION: 36 TOWNSHIP: 20 RANGE: 27

LATITUDE: LONGITUDE:

MOD. DESC.:

LINE 14 INCH CASING WITH 8 INCH

AB. DESC.:

COMMENTS:

CONDITIONS: 24 25 26

NEW WELL:

MODIFIED: X

ABANDONMENT:

CASING

WATER WELL CONSTRUCTION LOGS:

THICK	DIAMETER	C. DEPTH	F. DEPTH	T. DEPTH	G. DEPTH	LOG
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APPLICATION NUMBER: 2-095-0117AN
OWNERS NAME: W. R. "CHOPS" HANCOCK JR.
OWNERS ADDRESS: P. O. BOX 1217
US HWY 27 SOUTH
LEESBURG FL 34748
APPLICANTS NAME: W. R. "CHOPS" HANCOCK JR.
ADDRESS: P. O. BOX 1217
US HWY 27 SOUTH
LEESBURG FL 34748
COUNTY: Orange
ACREAGE OWNED: 40.000 PROJ. ACREAGE: 40.000
SOURCE DESC: GROUNDWATER FROM THE FLORIDAN AQUIFER
PROJECT DESC.: CITRUS
TOTAL NO. OF WELLS: 1 REVIEWER: DRAKE
TOTAL NO. OF PUMPS: 0
DATE ISSUED: 7/10/84 DATE EXPIRED: 7/ 9/91
(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)
OWNERS PHONE:
APPLICANTS PHONE:
PROJ. NAME: W. R. "CHOPS" HANCOCK JR.

USE DESCRIPTION: CITRUS PROJECT ACREAGE: 40.000
RECOMMENDED BY: BLANEY-CRIDDLE
WITHDRAWAL (MGD): 0.000
WITHDRAWAL (MGMO): 2.900
WITHDRAWAL (MGY): 13.000
FROST & FREEZE: 0.000
REUSE AMOUNT(ONLY IF GIVEN): 0.000

WELL NUMBER: A LONGITUDE/LATITUDE: 81 32 56 28 43 58
DIA: 6.0 DEPTH: 400' EFFICIENCY: 80% CAP-FR: 280 GPM
STATUS: PROPOSED
SECTION: 19
TOWNSHIP: 20 RANGE: 28

APPLICATION NUMBER: 2-095-0205AURM
OWNERS NAME: RICHARD W. ROGERS
OWNERS ADDRESS: 2400 LENT ROAD

APPLICANTS NAME: APOPKA FL 32712-5603
RICHARD W. ROGERS
ADDRESS: 2400 LENT ROAD

COUNTY: Orange APOPKA FL 32712-5603

ACREAGE OWNED: 160.000 PROJ. ACREAGE: 160.000

SOURCE DESC: GROUND WATER FROM THE FLORIDAN AQUIFER

PROJECT DESC.: LIVESTOCK AND NURSERY

TOTAL NO. OF WELLS: 5 REVIEWER: CAROL SINGLETON

TOTAL NO. OF PUMPS: 0

DATE ISSUED: 8/11/92 DATE EXPIRED: 8/11/99

(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)

OWNERS PHONE: 407-886-1800

APPLICANTS PHONE: 407-886-1800

PROJ. NAME:

USE DESCRIPTION: LIVESTOCK PROJECT ACREAGE: 0.000
RECOMMENDED BY: IFAS
WITHDRAWAL (MGD): 0.000
WITHDRAWAL (MGMO): 0.011
WITHDRAWAL (MGY): 0.131
FROST & FREEZE: 3.800
REUSE AMOUNT(ONLY IF GIVEN): 0.000

USE DESCRIPTION: INDOOR FOLIAGE PROJECT ACREAGE: 4.500
RECOMMENDED BY: IFAS
WITHDRAWAL (MGD): 0.037
WITHDRAWAL (MGMO): 1.125
WITHDRAWAL (MGY): 13.500
FROST & FREEZE: 3.800
REUSE AMOUNT(ONLY IF GIVEN): 0.000

WELL NUMBER: A LONGITUDE/LATITUDE: 81 33 00 28 44 17
DIA: 10.0 DEPTH: 421' EFFICIENCY: CAP-FR: 1000 GPM
STATUS: EXISTING
SECTION: 19
TOWNSHIP: 20 RANGE: 28

WELL NUMBER: B LONGITUDE/LATITUDE: 81 32 52 28 44 15
DIA: 4.0 DEPTH: 365' EFFICIENCY: CAP-FR: 50 GPM
STATUS: EXISTING
SECTION: 19
TOWNSHIP: 20 RANGE: 28

WELL NUMBER: C LONGITUDE/LATITUDE: 81 32 57 28 44 15
DIA: 6.0 DEPTH: 360' EFFICIENCY: CAP-FR: 100 GPM
STATUS: EXISTING
SECTION: 19
TOWNSHIP: 20 RANGE: 28

WELL NUMBER: D LONGITUDE/LATITUDE: 81 32 59 28 44 15
DIA: 6.0 DEPTH: 145' EFFICIENCY: CAP-FR: 100 GPM
STATUS: EXISTING
SECTION: 19
TOWNSHIP: 20 RANGE: 28

WELL NUMBER: E LONGITUDE/LATITUDE: 81 33 17 28 44 22
DIA: 6.0 DEPTH: 280' EFFICIENCY: CAP-FR: 50 GPM
STATUS: EXISTING
SECTION: 19
TOWNSHIP: 20 RANGE: 28

APPLICATION NUMBER: 2-095-0206AU
OWNERS NAME: FERTAKIS INTNL. CONSTRUCTION
OWNERS ADDRESS: NICHOLAS FERTAKIS
P O BOX 950637
LAKE MARY FL 32795-0637
APPLICANTS NAME: ZELLWOOD FRUIT DISTRIBUTORS
ADDRESS: NICHOLAS FERTAKIS
P O BOX 950637
LAKE MARY FL 32795-0637
COUNTY: Orange
ACREAGE OWNED: 20.000 PROJ. ACREAGE: 20.000
SOURCE DESC: GROUNDWATER FROM THE FLORIDAN AQUIFER
PROJECT DESC.: CITRUS
TOTAL NO. OF WELLS: 1 REVIEWER: DRAKE
TOTAL NO. OF PUMPS: 0
DATE ISSUED: 1/ 8/85 DATE EXPIRED: 1/ 8/92
(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)
OWNERS PHONE:
APPLICANTS PHONE:
PROJ. NAME: ZFD #20

USE DESCRIPTION: CITRUS PROJECT ACREAGE: 20.000
RECOMMENDED BY: BLANEY-CRIDDLE
WITHDRAWAL (MGD): 0.000
WITHDRAWAL (MGMO): 2.100
WITHDRAWAL (MGY): 10.300
FROST & FREEZE: 2.400
REUSE AMOUNT(ONLY IF GIVEN): 0.000

WELL NUMBER: A LONGITUDE/LATITUDE: 81 32 56 28 43 49
DIA: 6.0 DEPTH: UNKNOWN EFFICIENCY: CAP-FR: UNKNOWN
STATUS: EXISTING
SECTION: 19
TOWNSHIP: 20 RANGE: 28

APPLICATION NUMBER: 2-095-0253ANR
OWNERS NAME: ELEANOR Y. FISHER
OWNERS ADDRESS: 2325 SHERBROOKE ROAD

APPLICANTS NAME: WINTER PARK FL 32792
RUSSELL F. FISHER
ADDRESS: 2325 SHERBROOKE ROAD

COUNTY: Orange
ACREAGE OWNED: 65.000 PROJ. ACREAGE: 40.000

SOURCE DESC: GROUND WATER FROM THE FLORIDAN AQUIFER

PROJECT DESC.: CITRUS

TOTAL NO. OF WELLS: 1 REVIEWER: CHERYL ASTEY

TOTAL NO. OF PUMPS: 0

DATE ISSUED: 4/ 7/92 DATE EXPIRED: 4/ 7/99

(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)

OWNERS PHONE: 407-644-4415

APPLICANTS PHONE: 407-644-4415

PROJ. NAME: FISHER FARM

USE DESCRIPTION: CITRUS PROJECT ACREAGE: 40.000
RECOMMENDED BY: BLANEY-CRIDDLE
WITHDRAWAL (MGD): 0.020
WITHDRAWAL (MGMO): 1.200
WITHDRAWAL (MGY): 6.000
FROST & FREEZE: 2.400
REUSE AMOUNT(ONLY IF GIVEN): 0.000

WELL NUMBER: A LONGITUDE/LATITUDE: 81 32 56 28 42 30
DIA: 6.0 DEPTH: 300' EFFICIENCY: CAP-FR: 500 GPM
STATUS: EXISTING
SECTION: 31
TOWNSHIP: 20 RANGE: 28

WATER WELL CONSTRUCTION PERMIT

PAGE:

1

PERMIT NO.: 095-60198

RELATED CUP:

DATE RECD: 8/27/86

DATE ISSUED: / /

EXPIRATION: / /

CONTRACTOR: 2102

DRILLER:

OWNER: HUGO PILAT FLORIST

1112 SHOPKE RD

APOPKA FL 32712

SUR. CASING: 0.00

OPEN HOLE:

CASED DEPTH: 48

TOTAL DEPTH: 140

TOP 20:

BOTTOM-TOP:

BOTTOM 5:

METHOD USED: CABLE TOOL

CASING MATL: BLACK STEEL

ANNULAR MATL:

WELL USE: PRIVATE

PROJECT:

LOCATION:

COUNTY:

SECTION: 31 TOWNSHIP: 20 RANGE: 28

LATITUDE: LONGITUDE:

MOD. DESC.:

AB. DESC.:

COMMENTS:

CONDITIONS:

NEW WELL: X

MODIFIED:

ABANDONMENT:

GROUT

CASING

COMPLETION DATE: / / GROUT QTY: 0

WATER WELL CONSTRUCTION LOGS:

THICK DIAMETER C. DEPTH F. DEPTH T. DEPTH G. DEPTH LOG

35

EXPIRATION: / /

CONTRACTOR: 1599

DRILLER:

TOP 20:

BOTTOM-TOP:

BOTTOM 5:

OWNER: ZELLWOOD STATION MOBILE HOME PMETHOD USED: ROTARY
PO BOX 292 CASING MATL: PVC
ZELLWOOD FL 32798 ANNULAR MATL:

WELL USE: MONITOR

PROJECT:

LOCATION:

COUNTY:

SECTION: 26 TOWNSHIP: 20 RANGE: 27

LATITUDE: LONGITUDE:

MOD. DESC.:

AB. DESC.:

COMMENTS:

CONDITIONS:

NEW WELL: X

MODIFIED:

ABANDONMENT:

GROUT

CASING

COMPLETION DATE: / /

GROUT QTY:

0

WATER WELL CONSTRUCTION LOGS:

<u>THICK</u>	<u>DIAMETER</u>	<u>C. DEPTH</u>	<u>F. DEPTH</u>	<u>T. DEPTH</u>	<u>G. DEPTH</u>	<u>LOG</u>
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WATER WELL CONSTRUCTION PERMIT

PAGE:

6

PERMIT NO.: 095-50006
RELATED CUP:
DATE RECD: 7/31/85
DATE ISSUED: / /
EXPIRATION: / /

SUR. CASING: 0.00
OPEN HOLE:
CASED DEPTH: 35
TOTAL DEPTH: 35

CONTRACTOR: 1599
DRILLER:

TOP 20:
BOTTOM-TOP:
BOTTOM 5:

OWNER: ZELLWOOD STATION MOBILE HOME PMETHOD USED: ROTARY
PO BOX 292 CASING MATL: PVC
ZELLWOOD FL 32798 ANNULAR MATL:

WELL USE: MONITOR

PROJECT:

LOCATION:

COUNTY:

SECTION: 25 TOWNSHIP: 20 RANGE: 27

LATITUDE: LONGITUDE:

MOD. DESC.:

AB. DESC.:

COMMENTS:

CONDITIONS:

NEW WELL: X

MODIFIED:

ABANDONMENT:

GROUT

CASING

COMPLETION DATE:

/ /

GROUT QTY:

0

WATER WELL CONSTRUCTION LOGS:

<u>THICK</u>	<u>DIAMETER</u>	<u>C. DEPTH</u>	<u>F. DEPTH</u>	<u>T. DEPTH</u>	<u>G. DEPTH</u>	<u>LOG</u>
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WATER WELL CONSTRUCTION PERMIT

PAGE:

7

PERMIT NO.: 095-50018
RELATED CUP:
DATE RECD: 11/18/85
DATE ISSUED: / /
EXPIRATION: / /

SUR. CASING: 0.00
OPEN HOLE:
CASED DEPTH: 50
TOTAL DEPTH: 50

CONTRACTOR: 1599
DRILLER:

TOP 20:
BOTTOM-TOP:
BOTTOM 5:

OWNER: ZELLWOOD STATION MOBILE HOME PMETHOD USED: ROTARY
PO BOX 292 CASING MATL: PVC
ZELLWOOD FL 32798 ANNULAR MATL:

WELL USE: MONITOR

PROJECT:

LOCATION:

COUNTY:

SECTION: 25 TOWNSHIP: 20 RANGE: 27

LATITUDE: LONGITUDE:

MOD. DESC.:

AB. DESC.:

COMMENTS:

CONDITIONS:

NEW WELL: X

MODIFIED:

ABANDONMENT:

GROUT

CASING

COMPLETION DATE:

/ /

GROUT QTY:

0

WATER WELL CONSTRUCTION LOGS:

<u>THICK</u>	<u>DIAMETER</u>	<u>C. DEPTH</u>	<u>F. DEPTH</u>	<u>T. DEPTH</u>	<u>G. DEPTH</u>	<u>LOG</u>
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WATER WELL CONSTRUCTION PERMIT

PAGE:

8

PERMIT NO.: 095-50059

RELATED CUP:

DATE RECD: / /

DATE ISSUED: / /

EXPIRATION: / /

CONTRACTOR: 1599

DRILLER:

SUR. CASING: 0.00

OPEN HOLE:

CASED DEPTH: 35

TOTAL DEPTH: 35

TOP 20:

BOTTOM-TOP:

BOTTOM 5:

OWNER:

ZELLWOOD STATION MOBILE HOME PMETHOD USED: ROTARY

PO BOX 292

CASING MATL: PVC

ZELLWOOD

FL

32798

ANNULAR MATL:

WELL USE: MONITOR

PROJECT:

LOCATION:

COUNTY:

SECTION: 25 TOWNSHIP: 20 RANGE: 27

LATITUDE: LONGITUDE:

MOD. DESC.:

AB. DESC.:

COMMENTS:

CONDITIONS:

NEW WELL: X

MODIFIED:

ABANDONMENT:

GROUT

CASING

COMPLETION DATE:

/ /

GROUT QTY:

0

WATER WELL CONSTRUCTION LOGS:

THICK DIAMETER C. DEPTH F. DEPTH T. DEPTH G. DEPTH LOG

WATER WELL CONSTRUCTION PERMIT

PAGE:

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PERMIT NO.: 095-60023

RELATED CUP:

DATE RECD: 5/28/86

DATE ISSUED: / /

EXPIRATION: / /

CONTRACTOR: 2102

DRILLER:

OWNER:

JESS BAKER

3330 PLYMOUTH SORRENTO RD

APOPKA FL 32703

SUR. CASING: 0.00

OPEN HOLE:

CASED DEPTH: 39

TOTAL DEPTH: 80

TOP 20:

BOTTOM-TOP:

BOTTOM 5:

METHOD USED:

CABLE TOOL

CASING MATL:

BLACK STEEL

ANNULAR MATL:

WELL USE: PRIVATE

PROJECT:

LOCATION:

COUNTY:

SECTION: 24 TOWNSHIP: 20 RANGE: 27

LATITUDE: LONGITUDE:

MOD. DESC.:

AB. DESC.:

COMMENTS:

CONDITIONS:

NEW WELL: X

MODIFIED:

ABANDONMENT:

GROUT

CASING

COMPLETION DATE:

/ /

GROUT QTY:

0

WATER WELL CONSTRUCTION LOGS:

<u>THICK</u>	<u>DIAMETER</u>	<u>C. DEPTH</u>	<u>F. DEPTH</u>	<u>T. DEPTH</u>	<u>G. DEPTH</u>	<u>LOG</u>
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WATER WELL CONSTRUCTION PERMIT

PAGE:

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PERMIT NO.: 095-60125
RELATED CUP:
DATE RECD: 9/22/86
DATE ISSUED: / /
EXPIRATION: / /

SUR. CASING: 0.00
OPEN HOLE:
CASED DEPTH: 78
TOTAL DEPTH: 148

CONTRACTOR: 2102
DRILLER:

TOP 20:
BOTTOM-TOP:
BOTTOM 5:

OWNER: ROBERT KIZER
1449 FONTAIN DR
APOPKA FL 32703

METHOD USED: CABLE TOOL
CASING MATL: BLACK STEEL
ANNULAR MATL:

WELL USE: PRIVATE

PROJECT:

LOCATION:

COUNTY:

SECTION: 36 TOWNSHIP: 20 RANGE: 27

LATITUDE: LONGITUDE:

MOD. DESC.:

AB. DESC.:

COMMENTS:

CONDITIONS:

NEW WELL: X

MODIFIED:

ABANDONMENT:

GROUT

CASING

COMPLETION DATE:

/ /

GROUT QTY:

0

WATER WELL CONSTRUCTION LOGS:

<u>THICK</u>	<u>DIAMETER</u>	<u>C. DEPTH</u>	<u>F. DEPTH</u>	<u>T. DEPTH</u>	<u>G. DEPTH</u>	<u>LOG</u>
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WATER WELL CONSTRUCTION PERMIT

PAGE:

11

PERMIT NO.: 095-60542
RELATED CUP:
DATE RECD: 12/22/86
DATE ISSUED: / /
EXPIRATION: / /

SUR. CASING: 0.00
OPEN HOLE:
CASED DEPTH: 67
TOTAL DEPTH: 160

CONTRACTOR: 2102
DRILLER:

TOP 20:
BOTTOM-TOP:
BOTTOM 5:

OWNER: ROBERT COGSDALE
5245 HACAMORE RD
APOPKA FL 32712

METHOD USED: CABLE TOOL
CASING MATL: BLACK STEEL
ANNULAR MATL:

WELL USE: PRIVATE

PROJECT:

LOCATION:

COUNTY:

SECTION: 24 TOWNSHIP: 20 RANGE: 27

LATITUDE: LONGITUDE:

MOD. DESC.:

AB. DESC.:

COMMENTS:

CONDITIONS:

NEW WELL: X

MODIFIED:

ABANDONMENT:

GROUT

CASING

COMPLETION DATE:

/ /

GROUT QTY:

0

WATER WELL CONSTRUCTION LOGS:

<u>THICK</u>	<u>DIAMETER</u>	<u>C. DEPTH</u>	<u>F. DEPTH</u>	<u>T. DEPTH</u>	<u>G. DEPTH</u>	<u>LOG</u>
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WATER WELL CONSTRUCTION PERMIT

PAGE:

12

PERMIT NO.: 095-810065

RELATED CUP:

DATE RECD: / /

DATE ISSUED: / /

EXPIRATION: / /

CONTRACTOR: 1971

DRILLER:

OWNER: HALL

RICHARD

0

SUR. CASING: 0.00

OPEN HOLE:

CASED DEPTH: 0

TOTAL DEPTH: 0

TOP 20:

BOTTOM-TOP:

BOTTOM 5:

METHOD USED:

CASING MATL:

ANNULAR MATL:

WELL USE: PRIVATE

PROJECT:

LOCATION:

COUNTY: 95

SECTION: 23 TOWNSHIP: 20 RANGE: 27

LATITUDE: LONGITUDE:

MOD. DESC.:

AB. DESC.:

COMMENTS:

CONDITIONS:

NEW WELL:

MODIFIED:

ABANDONMENT:

GROUT

CASING

COMPLETION DATE:

12/11/81

GROUT QTY:

0

WATER WELL CONSTRUCTION LOGS:

<u>THICK</u>	<u>DIAMETER</u>	<u>C. DEPTH</u>	<u>F. DEPTH</u>	<u>T. DEPTH</u>	<u>G. DEPTH</u>	<u>LOG</u>
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WATER WELL CONSTRUCTION PERMIT

PAGE:

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PERMIT NO.: 095-820067

RELATED CUP:

DATE RECD: / /

DATE ISSUED: / /

EXPIRATION: / /

CONTRACTOR: 2218

DRILLER:

OWNER:

HEFLIN

RT 3, BOX 387

PLYMOUTH FL 327030

SUR. CASING: 0.00

OPEN HOLE:

CASED DEPTH: 0

TOTAL DEPTH: 0

TOP 20:

BOTTOM-TOP:

BOTTOM 5:

METHOD USED:

CASING MATL:

ANNULAR MATL:

WELL USE: PRIVATE

PROJECT:

LOCATION:

COUNTY: 95

SECTION: 26 TOWNSHIP: 20 RANGE: 27

LATITUDE: LONGITUDE:

MOD. DESC.:

AB. DESC.:

COMMENTS:

CONDITIONS:

NEW WELL:

MODIFIED:

ABANDONMENT:

GROUT

CASING

COMPLETION DATE:

11/12/82

GROUT QTY:

0

WATER WELL CONSTRUCTION LOGS:

<u>THICK</u>	<u>DIAMETER</u>	<u>C. DEPTH</u>	<u>F. DEPTH</u>	<u>T. DEPTH</u>	<u>G. DEPTH</u>	<u>LOG</u>
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WATER WELL CONSTRUCTION PERMIT

PAGE:

14

PERMIT NO.: 095-830001

SUR. CASING: 0.00

RELATED CUP:

OPEN HOLE:

DATE RECD: / /

CASED DEPTH: 0

DATE ISSUED: / /

TOTAL DEPTH: 0

EXPIRATION: / /

TOP 20:

CONTRACTOR: 2218

BOTTOM-TOP:

DRILLER:

BOTTOM 5:

OWNER: MILLHOUSE H. E.

METHOD USED:

PONKAN ROAD

CASING MATL:

APOPKA FL 0

ANNULAR MATL:

WELL USE: PRIVATE

PROJECT:

LOCATION:

COUNTY: 95

SECTION: 23 TOWNSHIP: 20 RANGE: 27

LATITUDE: LONGITUDE:

MOD. DESC.:

AB. DESC.:

COMMENTS:

CONDITIONS:

NEW WELL:

MODIFIED:

ABANDONMENT:

GROUT

CASING

COMPLETION DATE: 00/00/83 GROUT QTY: 0

WATER WELL CONSTRUCTION LOGS:

<u>THICK</u>	<u>DIAMETER</u>	<u>C. DEPTH</u>	<u>F. DEPTH</u>	<u>T. DEPTH</u>	<u>G. DEPTH</u>	<u>LOG</u>
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WATER WELL CONSTRUCTION PERMIT

PAGE:

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PERMIT NO.: 3120577569
RELATED CUP:
DATE RECD: / /
DATE ISSUED: / /
EXPIRATION: / /

SUR. CASING: 0.00
OPEN HOLE:
CASED DEPTH: 0
TOTAL DEPTH: 0

CONTRACTOR: 1072
DRILLER:

TOP 20:
BOTTOM-TOP:
BOTTOM 5:

OWNER: GROVE JUNCTION LIMITED METHOD USED: X
ROUTE 3, BOX 928
ORLANDO FL 0 CASING MATL:
ANNULAR MATL:

WELL USE: IRRIGATION
PROJECT:
LOCATION:
COUNTY: 95
SECTION: 26 TOWNSHIP: 20 RANGE: 27
LATITUDE: LONGITUDE:
MOD. DESC.:

AB. DESC.:

COMMENTS:

CONDITIONS:

NEW WELL:
MODIFIED:
ABANDONMENT:
GROUT
CASING

COMPLETION DATE: 12/29/ GROUT QTY: 0

WATER WELL CONSTRUCTION LOGS:

THICK DIAMETER C. DEPTH F. DEPTH T. DEPTH G. DEPTH LOG

APPLICATION NUMBER: 2-069-0060AU
OWNERS NAME: JEWEL FOLIAGE CO.
OWNERS ADDRESS: P. O. BOX 605
UNION STREET
ZELLWOOD FL 32798
APPLICANTS NAME: JEWEL FOLIAGE CO.
ADDRESS: P. O. BOX 605
UNION STREET
ZELLWOOD FL 32798
COUNTY: Lake
ACREAGE OWNED: 23.500 PROJ. ACREAGE: 23.500
SOURCE DESC: GROUNDWATER FROM THE FLORIDAN AQUIFER
PROJECT DESC.: FERN
TOTAL NO. OF WELLS: 3 REVIEWER:
TOTAL NO. OF PUMPS: 0
DATE ISSUED: 6/ 7/83 DATE EXPIRED: 6/ 7/90
(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)
OWNERS PHONE:
APPLICANTS PHONE:
PROJ. NAME: LAKE JEM

USE DESCRIPTION: NURSERY PROJECT ACREAGE: 23.500
RECOMMENDED BY: IFAS
WITHDRAWAL (MGD): 0.000
WITHDRAWAL (MGMO): 0.000
WITHDRAWAL (MGY): 41.500
FROST & FREEZE: 19.900
REUSE AMOUNT(ONLY IF GIVEN): 0.000

WELL NUMBER: A LONGITUDE/LATITUDE: 81 40 25 28 42 32
DIA: 12.0 DEPTH: 420 EFFICIENCY: CAP-FR: 200 GPM
STATUS: EXISTING
SECTION: 36
TOWNSHIP: 20 RANGE: 26

WELL NUMBER: B LONGITUDE/LATITUDE: 81 40 25 28 42 27
DIA: 12.0 DEPTH: 260 EFFICIENCY: CAP-FR: 2000 GPM
STATUS: EXISTING
SECTION: 36
TOWNSHIP: 20 RANGE: 26

WELL NUMBER: C LONGITUDE/LATITUDE: 81 40 18 28 42 34
DIA: 12.0 DEPTH: 420 EFFICIENCY: CAP-FR: 2000 GPM
STATUS: EXISTING
SECTION: 36
TOWNSHIP: 20 RANGE: 26

APPLICATION NUMBER: 2-095-0030AN
OWNERS NAME: DR. JAMES P. GILLS
OWNERS ADDRESS: 118 HIGH STREET

APPLICANTS NAME: NEW PORT RICHEY FL 32703
ADDRESS: DR. JAMES P. GILLS
118 HIGH STREET

COUNTY: Orange NEW PORT RICHEY FL 32703

ACREAGE OWNED: 180.000 PROJ. ACREAGE: 180.000

SOURCE DESC: GROUNDWATER FROM THE FLORIDAN AQUIFER

PROJECT DESC.: CITRUS

TOTAL NO. OF WELLS: 1 REVIEWER: RICK LEVIN

TOTAL NO. OF PUMPS: 0

DATE ISSUED: 4/12/83 DATE EXPIRED: 4/12/90

(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)

OWNERS PHONE:

APPLICANTS PHONE:

PROJ. NAME: DR. JAMES P. GILLS

USE DESCRIPTION: CITRUS PROJECT ACREAGE: 180.000

RECOMMENDED BY: BLANEY-CRIDDLE

WITHDRAWAL (MGD): 0.000

WITHDRAWAL (MGMO): 18.570

WITHDRAWAL (MGY): 78.200

FROST & FREEZE: 0.000

REUSE AMOUNT(ONLY IF GIVEN): 0.000

WELL NUMBER: A LONGITUDE/LATITUDE: 81 35 13 28 42 16

DIA: 12.0 DEPTH: 400' EFFICIENCY: 70% CAP-FR: 1700 GPM

STATUS: PROPOSED

SECTION: 35

TOWNSHIP: 20 RANGE: 27

APPLICATION NUMBER: 2-095-0042AU
OWNERS NAME: TRAN TREX FOLIAGE
OWNERS ADDRESS: P.O. BOX 549

APPLICANTS NAME: PLYMOUTH FL 32768
ADDRESS: ROBERT R. ROBERSON
P.O. BOX 549

COUNTY: Orange PLYMOUTH FL 32768
ACREAGE OWNED: 15.000 PROJ. ACREAGE: 0.600

SOURCE DESC: GROUNDWATER FROM THE FLORIDAN AQUIFER

PROJECT DESC.: FOLIAGE

TOTAL NO. OF WELLS: 1 REVIEWER: KENT

TOTAL NO. OF PUMPS: 0

DATE ISSUED: 6/ 7/83 DATE EXPIRED: 6/ 7/90

(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)

OWNERS PHONE:

APPLICANTS PHONE:

PROJ. NAME: TRAN TREX FOLIAGE

USE DESCRIPTION: FOLIAGE PROJECT ACREAGE: 0.600
RECOMMENDED BY: IFAS
WITHDRAWAL (MGD): 0.003
WITHDRAWAL (MGMO): 0.000
WITHDRAWAL (MGY): 0.980
FROST & FREEZE: 0.000
REUSE AMOUNT(ONLY IF GIVEN): 0.000

WELL NUMBER: A LONGITUDE/LATITUDE: 81 34 06 28 43 44
DIA: 10.0 DEPTH: 400' EFFICIENCY: CAP-FR: 69 GPM
STATUS: EXISTING
SECTION: 24
TOWNSHIP: 20 RANGE: 27

APPLICATION NUMBER: 2-095-0056AUF
OWNERS NAME: HERMANN ENGELMANN GREENHOUSE INC.
OWNERS ADDRESS: 1720 HERMIT SMITH RD.

APPLICANTS NAME: PLYMOUTH FL 32768
HERMANN ENGELMANN GREENHOUSE INC.
ADDRESS: 1720 HERMIT SMITH RD.

COUNTY: PLYMOUTH FL 32768
Orange
ACREAGE OWNED: 30.000 PROJ. ACREAGE: 3.480
SOURCE DESC: GROUND WATER FROM THE FLORIDAN AQUIFER
PROJECT DESC.: FOLIAGE
TOTAL NO. OF WELLS: 2 REVIEWER: CAROLINE SILVERS
TOTAL NO. OF PUMPS: 0
DATE ISSUED: 10/ 9/90 DATE EXPIRED: 10/ 9/97
(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)
OWNERS PHONE:
APPLICANTS PHONE:
PROJ. NAME: HERMANN ENGELMANN GREENHOUSE INC.

USE DESCRIPTION: CONTAINERIZED INDOOR FOPROJECT ACREAGE: 3.480
RECOMMENDED BY: IFAS
WITHDRAWAL (MGD): 0.000
WITHDRAWAL (MGMO): 2.510
WITHDRAWAL (MGY): 3.600
FROST & FREEZE: 0.000
REUSE AMOUNT(ONLY IF GIVEN): 0.000

WELL NUMBER: A LONGITUDE/LATITUDE: 81 34 12 28 42 28
DIA: 4.0 DEPTH: 280 EFFICIENCY: CAP-FR: 250 GPM
STATUS: EXISTING
SECTION: 36
TOWNSHIP: 20 RANGE: 27

WELL NUMBER: B LONGITUDE/LATITUDE: 81 34 09 28 42 28
DIA: 4.0 DEPTH: 280 EFFICIENCY: CAP-FR: 250 GPM
STATUS: EXISTING
SECTION: 36
TOWNSHIP: 20 RANGE: 27

APPLICATION NUMBER: 2-095-0151AUG
OWNERS NAME: ZELLWOOD DRAINAGE DISTRICT
OWNERS ADDRESS: P. O. BOX 247

APPLICANTS NAME: ZELLWOOD FL 32798
ADDRESS: ZELLWOOD DRAINAGE DISTRICT
ATTN: GILES VAN DUYNE
P.O. BOX 856
MOUNT DORA FL 32757-0856

COUNTY: Orange
ACREAGE OWNED: 8744.300 PROJ. ACREAGE: 8744.300

SOURCE DESC: SURFACE WATER FROM LAKE APOPKA

PROJECT DESC.: VEGETABLES

TOTAL NO. OF WELLS: 0 REVIEWER: LARRY LEE

TOTAL NO. OF PUMPS: 5

DATE ISSUED: 12/10/91 DATE EXPIRED: 12/10/93

(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)

OWNERS PHONE: 904-886-1932

APPLICANTS PHONE:

PROJ. NAME: ZELLWOOD DRAINAGE AND WATER CONTROL DISTRICT

USE DESCRIPTION: VEGETABLES MUCK PRESERV PROJECT ACREAGE: 8744.300
RECOMMENDED BY: BLANEY-CRIDDLE STAFF
WITHDRAWAL (MGD): 0.000
WITHDRAWAL (MGMO): 0.000
WITHDRAWAL (MGY): 10200.000
FROST & FREEZE: 0.000
REUSE AMOUNT(ONLY IF GIVEN): 0.000

PUMP NUMBER: A LONG/LAT: 81 35 39 28 40 04
SW BODY: LAKE APOPKA
CAP FR: 40000
STATUS: EXISTING
SECTION: 15
TOWNSHIP: 21 S RANGE: 27

PUMP NUMBER: B LONG/LAT: 81 35 39 28 40 04
SW BODY: LAKE APOPKA
CAP FR: 40000
STATUS: EXISTING
SECTION: 15
TOWNSHIP: 21 S RANGE: 27

PUMP NUMBER: C LONG/LAT: 81 35 39 28 40 04
SW BODY: LAKE APOPKA
CAP FR: 40000
STATUS: EXISTING
SECTION: 15
TOWNSHIP: 21 S RANGE: 27

PUMP NUMBER: D LONG/LAT: 81 35 39 28 40 04
SW BODY: LAKE APOPKA
CAP FR: 50000
STATUS: EXISTING
SECTION: 15
TOWNSHIP: 21 S RANGE: 27

2-095-0151AUG

PAGE:

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PUMP NUMBER: E LONG/LAT: 81 34 03 28 38 37
SW BODY: LAKE APOPKA
CAP FR: 25000
STATUS: EXISTING
SECTION: 24
TOWNSHIP: 21 S RANGE: 27

APPLICATION NUMBER: 2-095-0160ANFM
OWNERS NAME: RAYMOND W. HOGSHEAD
OWNERS ADDRESS: P O BOX 338

APPLICANTS NAME: PLYMOUTH FL 32768
ADDRESS: RAYMOND W. HOGSHEAD
P O BOX 338

COUNTY: PLYMOUTH FL 32768
Orange
ACREAGE OWNED: 15.000 PROJ. ACREAGE: 15.000

SOURCE DESC: GROUND WATER FROM THE FLORIDAN AQUIFER

PROJECT DESC.: CITRUS

TOTAL NO. OF WELLS: 1 REVIEWER: CHRIS SWEAZY

TOTAL NO. OF PUMPS: 0

DATE ISSUED: 6/ 9/92 DATE EXPIRED: 6/ 9/99

(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)

OWNERS PHONE: 407-886-2437

APPLICANTS PHONE: 407-886-8115

PROJ. NAME: RAYMOND W. HOGSHEAD

USE DESCRIPTION: CITRUS PROJECT ACREAGE: 12.000

RECOMMENDED BY: BLANEY-CRIDDLE

WITHDRAWAL (MGD): 0.000

WITHDRAWAL (MGMO): 1.200

WITHDRAWAL (MGY): 5.700

FROST & FREEZE: 1.450

REUSE AMOUNT(ONLY IF GIVEN): 0.000

WELL NUMBER: A LONGITUDE/LATITUDE: 81 34 35 28 42 41

DIA: 6.0 DEPTH: 400' EFFICIENCY: 80% CAP-FR: 250 GPM

STATUS: PROPOSED

SECTION: 35

TOWNSHIP: 20 RANGE: 27

APPLICATION NUMBER: 2-095-0163ANFM
OWNERS NAME: TWYFORD PLANT LABORATORIES
OWNERS ADDRESS: 4051 FUDGE ROAD

APPLICANTS NAME: APOPKA FL 32703
ADDRESS: TWYFORD PLANT LABORATORIES
4051 FUDGE ROAD

COUNTY: APOPKA FL 32703
Orange
ACREAGE OWNED: 54.000 PROJ. ACREAGE: 10.000
SOURCE DESC: GROUND WATER FROM THE FLORIDAN AQUIFER
PROJECT DESC.: NURSERY PUBLIC SUPPLY URBAN LANDSCAPE
TOTAL NO. OF WELLS: 1 REVIEWER: SHANNON JOYCE
TOTAL NO. OF PUMPS: 0
DATE ISSUED: 5/12/92 DATE EXPIRED: 5/12/99
(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)
OWNERS PHONE: 407-886-0298
APPLICANTS PHONE: 407-886-0298
PROJ. NAME: TWYFORD PLANT LABORATORIES

USE DESCRIPTION: HOUSEHOLD PROJECT ACREAGE: 10.000
RECOMMENDED BY: STAFF
WITHDRAWAL (MGD): 0.000
WITHDRAWAL (MGMO): 0.110
WITHDRAWAL (MGY): 1.340
FROST & FREEZE: 0.000
REUSE AMOUNT(ONLY IF GIVEN): 0.000

USE DESCRIPTION: URBAN LANDSCAPE PROJECT ACREAGE: 10.000
RECOMMENDED BY: STAFF
WITHDRAWAL (MGD): 0.000
WITHDRAWAL (MGMO): 0.120
WITHDRAWAL (MGY): 1.480
FROST & FREEZE: 0.000
REUSE AMOUNT(ONLY IF GIVEN): 0.000

USE DESCRIPTION: COMMERCIAL/INDUSTRIAL PROJECT ACREAGE: 10.000
RECOMMENDED BY: STAFF
WITHDRAWAL (MGD): 0.010
WITHDRAWAL (MGMO): 0.420
WITHDRAWAL (MGY): 5.000
FROST & FREEZE: 0.000
REUSE AMOUNT(ONLY IF GIVEN): 0.000

USE DESCRIPTION: NURSERY PROJECT ACREAGE: 10.000
RECOMMENDED BY: STAFF
WITHDRAWAL (MGD): 0.030
WITHDRAWAL (MGMO): 1.020
WITHDRAWAL (MGY): 12.200
FROST & FREEZE: 0.000
REUSE AMOUNT(ONLY IF GIVEN): 0.000

WELL NUMBER: A LONGITUDE/LATITUDE: 81 34 56 28 41 53
DIA: 0.0 DEPTH: EFFICIENCY: CAP-FR:
STATUS: EXISTING
SECTION: 35
TOWNSHIP: 20 RANGE: 27

WELL NUMBER: A LONGITUDE/LATITUDE: 81 34 56 28 41 53
DIA: 12.0 DEPTH: 415' EFFICIENCY: CAP-FR: 1000 GPM
STATUS: EXISTING
SECTION: 35
TOWNSHIP: 20 RANGE: 27

WELL NUMBER: A LONGITUDE/LATITUDE: 81 34 56 28 41 53
DIA: 12.0 DEPTH: 415' EFFICIENCY: CAP-FR: 1000 GPM
STATUS: EXISTING
SECTION: 35
TOWNSHIP: 20 RANGE: 27

APPLICATION NUMBER: 2-095-0231ANRM
OWNERS NAME: ZELLWOOD PARTNERS, LTD.
OWNERS ADDRESS: 10301 WEST PICO BOULEVARD

LOS ANGELES CA 90064
APPLICANTS NAME: ZELLWOOD STATION AND COUNTRY CLUB
ADDRESS: 2126 SPILLMAN DRIVE

ZELLWOOD FL 32798
COUNTY: Orange
ACREAGE OWNED: 807.000 PROJ. ACREAGE: 807.000
SOURCE DESC: GROUND WATER FROM THE FLORIDAN AQUIFER
PROJECT DESC.: GOLF COURSE HOUSEHOLD URBAN LANDSCAPE
TOTAL NO. OF WELLS: 7 REVIEWER: CAROLINE SILVERS
TOTAL NO. OF PUMPS: 0
DATE ISSUED: 12/ 7/93 DATE EXPIRED: 12/ 7/95
(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)
OWNERS PHONE: 310-277-4900
APPLICANTS PHONE: 407-886-0000
PROJ. NAME: ZELLWOOD STATION & COUNTRY CLUB

USE DESCRIPTION: GOLF COURSE PROJECT ACREAGE: 807.000
RECOMMENDED BY: AFSIRS
WITHDRAWAL (MGD): 0.000
WITHDRAWAL (MGMO): 0.000
WITHDRAWAL (MGY): 101.830
FROST & FREEZE: 0.000
REUSE AMOUNT(ONLY IF GIVEN): 0.000

USE DESCRIPTION: GOLF COURSE PROJECT ACREAGE: 807.000
RECOMMENDED BY: AFSIRS
WITHDRAWAL (MGD): 0.279
WITHDRAWAL (MGMO): 8.486
WITHDRAWAL (MGY): 101.830
FROST & FREEZE: 0.000
REUSE AMOUNT(ONLY IF GIVEN): 0.000

USE DESCRIPTION: HOUSEHOLD
POPULATION: 2124 ALLOCATION DATE: 12/ 7/94
PERMITTED MGD: 1.15 (MGY): 104.635

USE DESCRIPTION: HOUSEHOLD
POPULATION: 2124 ALLOCATION DATE: 12/ 7/95
PERMITTED MGD: 0.71 (MGY): 64.605

USE DESCRIPTION: WATER UTILITY
POPULATION: 2124 ALLOCATION DATE: 12/ 7/94
PERMITTED MGD: 1.15 (MGY): 12.556

USE DESCRIPTION: WATER UTILITY
POPULATION: 2124 ALLOCATION DATE: 12/ 7/95
PERMITTED MGD: 0.71 (MGY): 7.753

WELL NUMBER: A LONGITUDE/LATITUDE: 81 34 55 28 43 07
DIA: 12.0 DEPTH: 450' EFFICIENCY: CAP-FR: UNKNOWN
STATUS: EXISTING
SECTION: 26
TOWNSHIP: 20 RANGE: 27

WELL NUMBER: B LONGITUDE/LATITUDE: 81 34 45 28 43 07
DIA: 12.0 DEPTH: 850' EFFICIENCY: CAP-FR: UNKNOWN
STATUS: EXISTING
SECTION: 26
TOWNSHIP: 20 RANGE: 27

WELL NUMBER: C LONGITUDE/LATITUDE: 81 35 00 28 43 05
DIA: 12.0 DEPTH: 600' EFFICIENCY: CAP-FR: UNKNOWN
STATUS: EXISTING
SECTION: 26
TOWNSHIP: 20 RANGE: 27

WELL NUMBER: D LONGITUDE/LATITUDE: 81 34 14 28 43 23
DIA: 12.0 DEPTH: 400' EFFICIENCY: CAP-FR: UNKNOWN
STATUS: EXISTING
SECTION: 25
TOWNSHIP: 20 RANGE: 27

WELL NUMBER: E LONGITUDE/LATITUDE: 81 34 11 28 42 56
DIA: 12.0 DEPTH: 600' EFFICIENCY: CAP-FR: UNKNOWN
STATUS: EXISTING
SECTION: 25
TOWNSHIP: 20 RANGE: 27

WELL NUMBER: F LONGITUDE/LATITUDE: 81 35 10 28 42 51
DIA: 6.0 DEPTH: 450' EFFICIENCY: CAP-FR: UNKNOWN
STATUS: EXISTING
SECTION: 26
TOWNSHIP: 20 RANGE: 27

WELL NUMBER: H LONGITUDE/LATITUDE: 81 35 11 28 42 51
DIA: 6.0 DEPTH: 750' EFFICIENCY: CAP-FR: UNKNOWN
STATUS: EXISTING
SECTION: 25
TOWNSHIP: 20 RANGE: 27

APPLICATION NUMBER: 2-095-0283ANM2G
OWNERS NAME: BILLY J. RICHARDSON
OWNERS ADDRESS: 28188 MOULTON PKWAY
APT #2422
LAUGNA NIGUEL CA 92665
APPLICANTS NAME: ORANGE COUTNY PUBLIC UTIL.
ADDRESS: 201 SOUTH ROSALIND AVENUE
ORLANDO FL 32789
COUNTY: Orange
ACREAGE OWNED: 10.000 PROJ. ACREAGE: 10.000
SOURCE DESC: GROUNDWATER FROM THE FLORIDAN AQUIFER
PROJECT DESC.: PUBLIC SUPPLY
TOTAL NO. OF WELLS: 3 REVIEWER: DWIGHT JENKINS
TOTAL NO. OF PUMPS: 0
DATE ISSUED: 6/13/89 DATE EXPIRED: 6/13/96
(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)
OWNERS PHONE:
APPLICANTS PHONE:
PROJ. NAME: PLYMOUTH WATER TREATMENT PLANT

USE DESCRIPTION: COMMERCIAL INDUSTRIAL PROJECT ACREAGE: 1700.000
RECOMMENDED BY:
WITHDRAWAL (MGD): 0.060
WITHDRAWAL (MGMO): 0.000
WITHDRAWAL (MGY): 10.950
FROST & FREEZE: 0.000
REUSE AMOUNT(ONLY IF GIVEN): 0.000

USE DESCRIPTION: WATER UTILITY PROJECT ACREAGE: 1700.000
RECOMMENDED BY:
WITHDRAWAL (MGD): 0.060
WITHDRAWAL (MGMO): 0.000
WITHDRAWAL (MGY): 10.950
FROST & FREEZE: 0.000
REUSE AMOUNT(ONLY IF GIVEN): 0.000

USE DESCRIPTION: HOUSEHOLD
POPULATION: 1250 ALLOCATION DATE: 6/13/89
PERMITTED MGD: 0.14 (MGY): 27.156

USE DESCRIPTION: HOUSEHOLD
POPULATION: 1250 ALLOCATION DATE: 1/ 1/90
PERMITTED MGD: 0.17 (MGY): 32.612

USE DESCRIPTION: HOUSEHOLD
POPULATION: 1250 ALLOCATION DATE: 1/ 1/91
PERMITTED MGD: 0.20 (MGY): 38.006

USE DESCRIPTION: HOUSEHOLD
POPULATION: 1250 ALLOCATION DATE: 1/ 1/92
PERMITTED MGD: 0.23 (MGY): 43.462

USE DESCRIPTION: HOUSEHOLD
POPULATION: 1250 ALLOCATION DATE: 1/ 1/93
PERMITTED MGD: 0.29 (MGY): 54.312

USE DESCRIPTION: HOUSEHOLD
POPULATION: 1250 ALLOCATION DATE: 1/ 1/94
PERMITTED MGD: 0.32 (MGY) : 59.954

USE DESCRIPTION: HOUSEHOLD
POPULATION: 1250 ALLOCATION DATE: 1/ 1/95
PERMITTED MGD: 0.35 (MGY) : 65.410

USE DESCRIPTION: HOUSEHOLD
POPULATION: 1250 ALLOCATION DATE: 1/ 1/96
PERMITTED MGD: 0.37 (MGY) : 67.890

WELL NUMBER: A LONGITUDE/LATITUDE: 81 33 30 28 41 28
DIA: 6.0 DEPTH: EFFICIENCY: CAP-FR:
STATUS: EXISTING
SECTION: 06
TOWNSHIP: 21 RANGE: 28

WELL NUMBER: B LONGITUDE/LATITUDE: 81 33 56 28 42 06
DIA: 6.0 DEPTH: EFFICIENCY: CAP-FR:
STATUS: EXISTING
SECTION: 36
TOWNSHIP: 20 RANGE: 27

WELL NUMBER: C LONGITUDE/LATITUDE: 81 33 36 28 41 19
DIA: 8.0 DEPTH: EFFICIENCY: CAP-FR:
STATUS: PROPOSED
SECTION: 01
TOWNSHIP: 21 RANGE: 27

WELL NUMBER: D LONGITUDE/LATITUDE: 81 33 33 28 41 17
DIA: 12.0 DEPTH: EFFICIENCY: CAP-FR:
STATUS: PROPOSED
SECTION: 01
TOWNSHIP: 21 RANGE: 27

WELL NUMBER: E LONGITUDE/LATITUDE: 81 33 35 28 42 27
DIA: 8.0 DEPTH: EFFICIENCY: CAP-FR:
STATUS: EXISTING
SECTION: 36
TOWNSHIP: 20 RANGE: 27

WELL NUMBER: F LONGITUDE/LATITUDE: 81 33 48 28 42 27
DIA: 14.0 DEPTH: EFFICIENCY: CAP-FR:
STATUS: PROPOSED
SECTION: 36
TOWNSHIP: 20 RANGE: 27

WELL NUMBER: G LONGITUDE/LATITUDE: 81 33 46 28 42 28
DIA: 14.0 DEPTH: EFFICIENCY: CAP-FR:
STATUS: PROPOSED
SECTION: 36
TOWNSHIP: 20 RANGE: 27

WELL NUMBER: H LONGITUDE/LATITUDE: 81 33 43 28 42 28
DIA: 14.0 DEPTH: EFFICIENCY: CAP-FR:
STATUS: PROPOSED
SECTION: 36
TOWNSHIP: 20 RANGE: 27

APPLICATION NUMBER: 2-095-0298AN
OWNERS NAME: LONG AND SCOTT FARMS INC.
OWNERS ADDRESS: PO DRAWER 729

APPLICANTS NAME: APOPKA FL 32703
ADDRESS: FRANK D. SCOTT
PO DRAWER 729

COUNTY: APOPKA FL 32703
Orange
ACREAGE OWNED: 1200.000 PROJ. ACREAGE: 1200.000

SOURCE DESC: GROUNDWATER FROM THE FLORIDAN AQUIFER

PROJECT DESC.: CITRUS

TOTAL NO. OF WELLS: 11 REVIEWER: DRAKE

TOTAL NO. OF PUMPS: 0

DATE ISSUED: 7/ 8/85 DATE EXPIRED: 7/ 8/87

(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)

OWNERS PHONE:

APPLICANTS PHONE:

PROJ. NAME: LONG AND SCOTT FARMS INC.

USE DESCRIPTION: CITRUS PROJECT ACREAGE: 1200.000
RECOMMENDED BY: BLANEY-CRIDDLE
WITHDRAWAL (MGD): 0.000
WITHDRAWAL (MGMO): 427.000
WITHDRAWAL (MGY): 559.500
FROST & FREEZE: 0.000
REUSE AMOUNT(ONLY IF GIVEN): 0.000

WELL NUMBER: A LONGITUDE/LATITUDE: 81 39 08 28 43 49
DIA: 6.0 DEPTH: UNKNOWN EFFICIENCY: CAP-FR: UNKNOWN
STATUS: EXISTING
SECTION: 19
TOWNSHIP: 20 RANGE: 27

WELL NUMBER: B LONGITUDE/LATITUDE: 81 39 25 28 43 38
DIA: 8.0 DEPTH: UNKNOWN EFFICIENCY: CAP-FR: UNKNOWN
STATUS: EXISTING
SECTION: 30
TOWNSHIP: 20 RANGE: 27

WELL NUMBER: C LONGITUDE/LATITUDE: 81 39 46 28 43 27
DIA: 6.0 DEPTH: UNKNOWN EFFICIENCY: CAP-FR: UNKNOWN
STATUS: EXISTING
SECTION: 24
TOWNSHIP: 20 RANGE: 26

WELL NUMBER: D LONGITUDE/LATITUDE: 81 39 47 28 43 40
DIA: 8.0 DEPTH: 454' EFFICIENCY: CAP-FR: 1000 GPM
STATUS: EXISTING
SECTION: 24
TOWNSHIP: 20 RANGE: 26

WELL NUMBER: E LONGITUDE/LATITUDE: 81 39 44 28 43 01
DIA: 8.0 DEPTH: 425' EFFICIENCY: CAP-FR: 400 GPM
STATUS: EXISTING
SECTION: 25
TOWNSHIP: 20 RANGE: 26

WELL NUMBER: F LONGITUDE/LATITUDE: 81 39 18 28 44 19
DIA: 10.0 DEPTH: 550' EFFICIENCY: CAP-FR: 1000 GPM
STATUS: EXISTING
SECTION: 19
TOWNSHIP: 20 RANGE: 27

WELL NUMBER: G LONGITUDE/LATITUDE: 81 39 00 28 44 02
DIA: 8.0 DEPTH: 575' EFFICIENCY: CAP-FR: 1000 GPM
STATUS: EXISTING
SECTION: 19
TOWNSHIP: 20 RANGE: 27

WELL NUMBER: H LONGITUDE/LATITUDE: 81 38 43 28 44 00
DIA: 8.0 DEPTH: 500' EFFICIENCY: CAP-FR: 1500 GPM
STATUS: EXISTING
SECTION: 19
TOWNSHIP: 20 RANGE: 27

WELL NUMBER: I LONGITUDE/LATITUDE: 81 39 16 28 44 18
DIA: 8.0 DEPTH: 480' EFFICIENCY: CAP-FR: 1200 GPM
STATUS: EXISTING
SECTION: 19
TOWNSHIP: 20 RANGE: 27

WELL NUMBER: J LONGITUDE/LATITUDE: 81 40 08 28 43 43
DIA: 6.0 DEPTH: 380' EFFICIENCY: CAP-FR: 1000 GPM
STATUS: EXISTING
SECTION: 24
TOWNSHIP: 20 RANGE: 26

WELL NUMBER: K LONGITUDE/LATITUDE: 81 40 09 28 43 43
DIA: 6.0 DEPTH: 450' EFFICIENCY: CAP-FR: 1000 GPM
STATUS: PROPOSED
SECTION: 24
TOWNSHIP: 20 RANGE: 26

APPLICATION NUMBER: 2-095-0344ANR
OWNERS NAME: ZELLWIN FARMS COMPANY
OWNERS ADDRESS: P O BOX 188

APPLICANTS NAME: ZELLWOOD FL 32798
ADDRESS: ZELLWIN FARMS COMPANY
ATTN: GLENN ROGERS
P O BOX 188
ZELLWOOD FL 32798

COUNTY: Orange

ACREAGE OWNED: 70.500 PROJ. ACREAGE: 70.500

SOURCE DESC: GROUND WATER FROM THE FLORIDAN AQUIFER

PROJECT DESC.: CITRUS

TOTAL NO. OF WELLS: 1 REVIEWER: TODD ELLER

TOTAL NO. OF PUMPS: 0

DATE ISSUED: 8/11/92 DATE EXPIRED: 8/11/99

(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)

OWNERS PHONE: 407-886-1891

APPLICANTS PHONE: 407-886-1891

PROJ. NAME: 441 GROVE #1

USE DESCRIPTION: CITRUS PROJECT ACREAGE: 70.500
RECOMMENDED BY: BLANEY-CRIDDLE
WITHDRAWAL (MGD): 0.084
WITHDRAWAL (MGMO): 6.300
WITHDRAWAL (MGY): 30.600
FROST & FREEZE: 8.600
REUSE AMOUNT(ONLY IF GIVEN): 0.000

WELL NUMBER: A LONGITUDE/LATITUDE: 81 35 41 28 42 46
DIA: 12.0 DEPTH: 423 EFFICIENCY: CAP-FR: 2000
STATUS: EXISTING
SECTION: 26
TOWNSHIP: 20 RANGE: 27

APPLICATION NUMBER: 2-095-0423AUV
OWNERS NAME: AMERICAN FOLIAGE INC.
OWNERS ADDRESS: 2624 JUNCTION RD.

APPLICANTS NAME: APOPKA FL 32712
ADDRESS: AMERICAN FOLIAGE INC.
2624 JUNCTION RD.

COUNTY: APOPKA FL 32712
Orange

ACREAGE OWNED: 10.450 PROJ. ACREAGE: 10.450

SOURCE DESC: GROUNDWATER FROM THE FLORIDAN AQUIFER

PROJECT DESC.: COMMERCIAL/INDUSTRIAL

TOTAL NO. OF WELLS: 1 REVIEWER: SHANNON JOYCE

TOTAL NO. OF PUMPS: 0

DATE ISSUED: 2/ 7/89 DATE EXPIRED: 2/ 7/96

(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)

OWNERS PHONE:

APPLICANTS PHONE:

PROJ. NAME: AMERICAN FOLIAGE INC.

USE DESCRIPTION: PLANT BROKERAGE BUILDINPROJECT ACREAGE: 10.450
RECOMMENDED BY: FLORIDAN
WITHDRAWAL (MGD): 0.000
WITHDRAWAL (MGMO): 0.000
WITHDRAWAL (MGY): 0.055
FROST & FREEZE: 0.000
REUSE AMOUNT(ONLY IF GIVEN): 0.000

WELL NUMBER: A LONGITUDE/LATITUDE: 81 35 27 28 43 14
DIA: 6.0 DEPTH: 450 EFFICIENCY: CAP-FR: 80 GPM
STATUS: EXISTING
SECTION: 26
TOWNSHIP: 20 RANGE: 27

APPLICATION NUMBER: 2-095-0435AUV
OWNERS NAME: EDWARD CARROLL
OWNERS ADDRESS: 3800 WEST ORANGE BLOSSOM TRAIL

APPLICANTS NAME: APOPKA FL 32712
CHARLES BRAD
ADDRESS: 3800 WEST ORANGE BLOSSOM TRAIL

COUNTY: APOPKA FL 32712
Orange
ACREAGE OWNED: 10.000 PROJ. ACREAGE: 10.000
SOURCE DESC: GROUNDWATER FROM THE FLORIDAN AQUIFER
PROJECT DESC.: RV PARK
TOTAL NO. OF WELLS: 1 REVIEWER: DWIGHT JENKINS
TOTAL NO. OF PUMPS: 0
DATE ISSUED: 7/11/89 DATE EXPIRED: 7/11/96
(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)
OWNERS PHONE:
APPLICANTS PHONE:
PROJ. NAME: ORANGE BLOSSOM RV PARK

USE DESCRIPTION: HOUSEHOLD
POPULATION: 178 ALLOCATION DATE: 7/11/89
PERMITTED MGD: 0.03 (MGY): 5.910

USE DESCRIPTION: HOUSEHOLD
POPULATION: 178 ALLOCATION DATE: 1/ 1/90
PERMITTED MGD: 0.03 (MGY): 5.910

USE DESCRIPTION: HOUSEHOLD
POPULATION: 178 ALLOCATION DATE: 1/ 1/91
PERMITTED MGD: 0.03 (MGY): 5.910

USE DESCRIPTION: HOUSEHOLD
POPULATION: 178 ALLOCATION DATE: 1/ 1/92
PERMITTED MGD: 0.03 (MGY): 5.910

USE DESCRIPTION: HOUSEHOLD
POPULATION: 178 ALLOCATION DATE: 1/ 1/93
PERMITTED MGD: 0.03 (MGY): 5.910

USE DESCRIPTION: HOUSEHOLD
POPULATION: 178 ALLOCATION DATE: 1/ 1/94
PERMITTED MGD: 0.03 (MGY): 5.910

USE DESCRIPTION: HOUSEHOLD
POPULATION: 178 ALLOCATION DATE: 1/ 1/95
PERMITTED MGD: 0.03 (MGY): 5.910

USE DESCRIPTION: HOUSEHOLD
POPULATION: 178 ALLOCATION DATE: 1/ 1/96
PERMITTED MGD: 0.03 (MGY): 5.910

WELL NUMBER: A LONGITUDE/LATITUDE: 81 34 23 28 41 54
DIA: 6.0 DEPTH: 265 EFFICIENCY: CAP-FR: 60 GPM
STATUS: EXISTING
SECTION: 36
TOWNSHIP: 20 RANGE: 27

APPLICATION NUMBER: 2-095-0439AUV
OWNERS NAME: W & W GROVES CO.
OWNERS ADDRESS: 6625 SANTONA

APPLICANTS NAME: CORAL GABLES FL 33146
ADDRESS: W & W GROVES CO.
6625 SANTONA

COUNTY: Orange CORAL GABLES FL 33146
ACREAGE OWNED: 122.000 PROJ. ACREAGE: 15.000

SOURCE DESC: SURFACE WATER FROM LAKE GRASSMERE

PROJECT DESC.: CITRUS

TOTAL NO. OF WELLS: 0 REVIEWER: SHANNON JOYCE

TOTAL NO. OF PUMPS: 1

DATE ISSUED: 8/ 8/89 DATE EXPIRED: 8/ 8/96

(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)

OWNERS PHONE:

APPLICANTS PHONE:

PROJ. NAME: W & W GROVES CO.

USE DESCRIPTION: CITRUS PROJECT ACREAGE: 15.000

RECOMMENDED BY: BLANEY-CRIDDLE

WITHDRAWAL (MGD): 0.000

WITHDRAWAL (MGMO): 1.220

WITHDRAWAL (MGY): 9.960

FROST & FREEZE: 0.000

REUSE AMOUNT(ONLY IF GIVEN): 0.000

PUMP NUMBER: A LONG/LAT: 81 35 10 28 43 15

SW BODY: LAKE GRASSMERE

CAP FR: 2000 GPM

STATUS: EXISTING

SECTION: 26

TOWNSHIP: 20 S RANGE: 27

APPLICATION NUMBER: 2-095-0442AUV
OWNERS NAME: JOHN & ELLEN MARSELLE
OWNERS ADDRESS: P.O. BOX 555

APPLICANTS NAME: ZELLWOOD FL 32798
ADDRESS: LEO GILBERT
P.O. BOX 555

COUNTY: ZELLWOOD FL 32789
Orange

ACREAGE OWNED: 10.000 PROJ. ACREAGE: 5.000

SOURCE DESC: GROUNDWATER FROM THE FLORIDA AQUIFER

PROJECT DESC.: WOODY ORNAMENTALS

TOTAL NO. OF WELLS: 1 REVIEWER: SHANNON JOYCE

TOTAL NO. OF PUMPS: 0

DATE ISSUED: 8/ 8/89 DATE EXPIRED: 8/ 8/96

(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)

OWNERS PHONE:

APPLICANTS PHONE:

PROJ. NAME: JOHN & ELLEN MARSELLE

USE DESCRIPTION: WOODY ORNAMENTAL PROJECT ACREAGE: 5.000

RECOMMENDED BY: IFAS

WITHDRAWAL (MGD): 0.000

WITHDRAWAL (MGMO): 2.120

WITHDRAWAL (MGY): 25.010

FROST & FREEZE: 3.630

REUSE AMOUNT(ONLY IF GIVEN): 0.000

WELL NUMBER: A LONGITUDE/LATITUDE: 81 35 17 28 44 13

DIA: 8.0 DEPTH: EFFICIENCY: CAP-FR: 480 GPM

STATUS: EXISTING

SECTION: 23

TOWNSHIP: 20 RANGE: 27

APPLICATION NUMBER: 2-095-0444AUVG
OWNERS NAME: USDA AGRICULTURAL RESEARCH
OWNERS ADDRESS: 2120 CAMDEN ROAD

APPLICANTS NAME: ORLANDO FL 32803
ADDRESS: USDA AGRICULTURAL RESEARCH
2120 CAMDEN ROAD

COUNTY: ORLANDO FL 32803
ACREAGE OWNED: Orange 9.400 PROJ. ACREAGE: 9.400

SOURCE DESC: GROUNDWATER FROM THE FLORIDAN AQUIFER

PROJECT DESC.: RESEARCH LABORATORY

TOTAL NO. OF WELLS: 1 REVIEWER: SHANNON JOYCE

TOTAL NO. OF PUMPS: 0

DATE ISSUED: 9/12/89 DATE EXPIRED: 9/12/96

(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)

OWNERS PHONE:

APPLICANTS PHONE:

PROJ. NAME: USDA CITRUS CANCER RESEARCH FACILITY

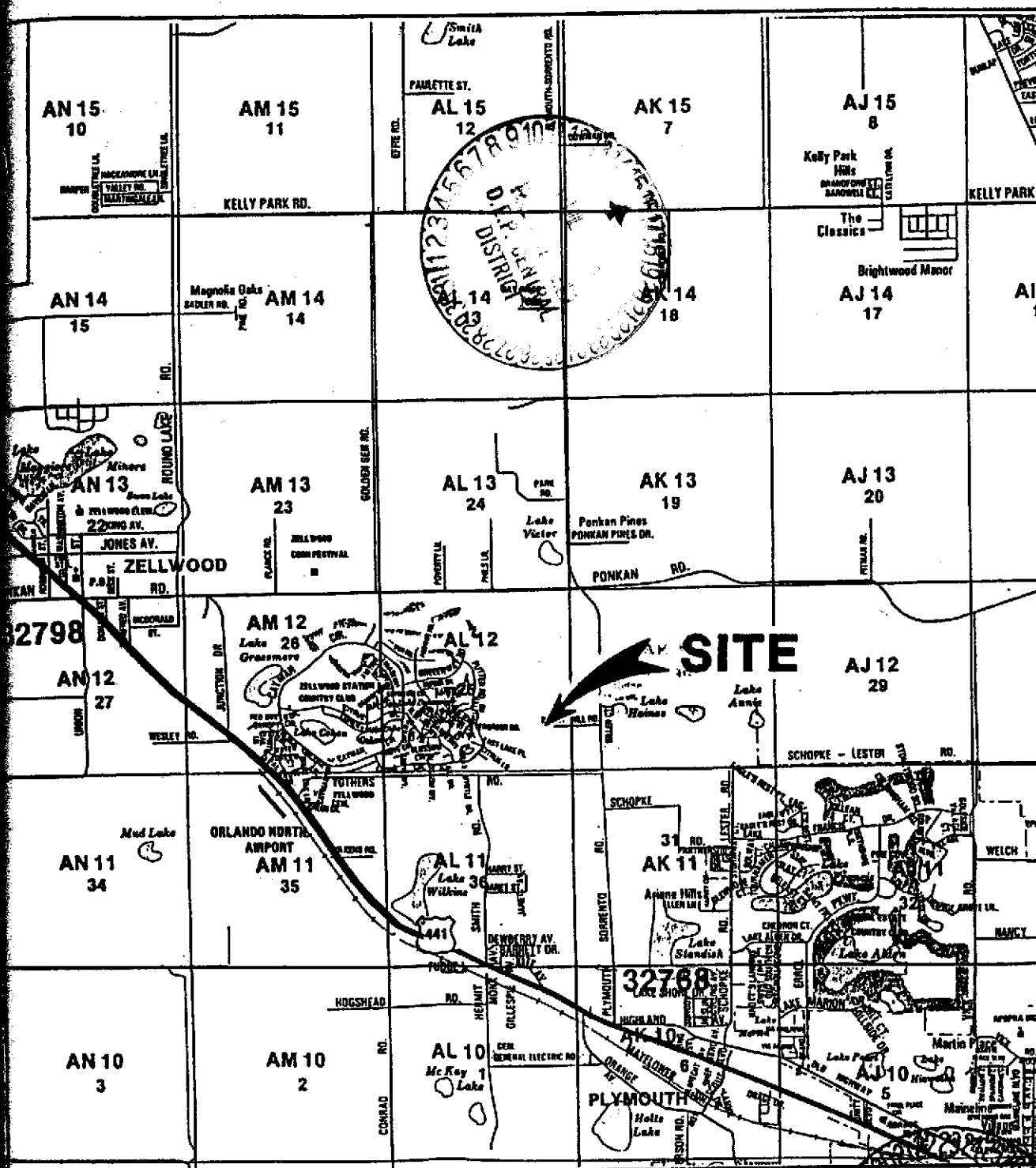
USE DESCRIPTION: RESEARCH PROJECT ACREAGE: 0.000
RECOMMENDED BY:
WITHDRAWAL (MGD): 0.000
WITHDRAWAL (MGMO): 0.000
WITHDRAWAL (MGY): 0.730
FROST & FREEZE: 0.000
REUSE AMOUNT(ONLY IF GIVEN): 0.000

WELL NUMBER: A LONGITUDE/LATITUDE: 81 33 37 28 43 13
DIA: 6.0 DEPTH: EFFICIENCY: CAP-FR: 250 GPM
STATUS: EXISTING
SECTION: 25
TOWNSHIP: 20 RANGE: 27

APPLICATION NUMBER: 2-095-0450AUV
OWNERS NAME: CRESTVIEW NURSERY
OWNERS ADDRESS: ATTN: JOHN JONES
P.O. BOX 461
ZELLWOOD FL 32798
APPLICANTS NAME: CRESTVIEW JONES
ADDRESS: ATTN: JOHN JONES
P.O. BOX 461
ZELLWOOD FL 32798
COUNTY: Orange
ACREAGE OWNED: 5.000 PROJ. ACREAGE: 0.800
SOURCE DESC: GROUNDWATER FROM THE FLORIDA AQUIFER
PROJECT DESC.: NURSERY
TOTAL NO. OF WELLS: 1 REVIEWER:
TOTAL NO. OF PUMPS: 0
DATE ISSUED: 9/12/89 DATE EXPIRED: 9/12/96
(PHONE NUMBERS WILL APPEAR ONLY IF GIVEN)
OWNERS PHONE:
APPLICANTS PHONE:
PROJ. NAME: CRESTVIEW NURSERY

USE DESCRIPTION: NURSERY PROJECT ACREAGE: 0.800
RECOMMENDED BY: IFAS
WITHDRAWAL (MGD): 0.000
WITHDRAWAL (MGMO): 0.110
WITHDRAWAL (MGY): 1.300
FROST & FREEZE: 0.000
REUSE AMOUNT(ONLY IF GIVEN): 0.000

WELL NUMBER: A LONGITUDE/LATITUDE: 81 35 31 28 44 14
DIA: 8.0 DEPTH: 300 EFFICIENCY: CAP-FR: 250 GPM
STATUS: EXISTING
SECTION: 23
TOWNSHIP: 20 RANGE: 27



SITE VICINITY MAP

REFERENCE:

RANGE COUNTY ROAD MAP
SECTION 25
TOWNSHIP 20 SOUTH
RANGE 28 EAST

**FIELDS AND ROBINSON
PLYMOUTH LANDFILL
ORANGE COUNTY, FLORIDA**

FIGURE 1

REFERENCES

- Brooks, H.K. 1981. *Geologic and Physiographic Maps of Florida*. University of Florida-Institute of Food and Agricultural Sciences.
- Doolittle, J.A. and G. Schellentrager. 1989. *Soil Survey of Orange County, Florida*. United States Department of Agriculture Soil Conservation Service.
- Geotechnical and Environmental Consultants, Inc. May 13, 1991. *Report of Groundwater Monitoring Well Installation, Sampling and Analytical Water Testing, Proposed Landfill Near Plymouth Oaks Road, Orange County, Florida*. GEC Project No. 77E
- Geotechnical and Environmental Consultants, Inc. July 8, 1993. *Report of Third Groundwater Monitoring Well Installation, Proposed Fields and Robison Landfill, Near Plymouth Oaks Road, Orange County, Florida*. GEC Project No. 77E
- Jammal & Associates, Inc. May 1988. *Field Exploration Program, Two Class III Landfill Sites, Orange County Highway Department, Orange County, Fl* Project No. 87-03154
- Lichtler, W.F., W. Anderson, and B.F. Joyner. 1968. *Water Resources of Orange County, Florida*. Florida Geological Survey Report of Investigation No. 50.
- Scott, T.M. 1988. *The lithostratigraphy of the Hawthorn Group (Miocene) of Florida*. Florida Geological Survey Bulletin No. 59.
- Fibbals, C.H. 1990. *Hydrology of the Floridan aquifer system in east central-Florida*. U.S. Geological Survey Professional Paper 1403-E.

Plan is the upgradient well which represents the quality of background groundwater that has not been affected by leakage from the facility.

In addition to the above wells, we recommend that a deeper monitoring well be constructed to monitor water quality within the Floridan aquifer. This well is to be located within the northern portion of the site, near the location of the existing monitoring well MW-2. The well construction configuration should be determined following completion of a deep test boring completed within the vicinity of MW-2, (100 ft depth).

*show location
why not in
NW corner?*

need to submit Cont. details

Sampling Parameters & Schedule

All wells shall be sampled twice per year (May and September) for the parameters listed in Chapter 17-701 Florida Administrative Code (F.A.C.), namely

*ONLY 1
Primary
Secondary
DWS*

March? Oct
Field Parameters - Static water levels before purging, specific conductivity, pH, dissolved oxygen, turbidity, temperature, colors and sheens;

Laboratory - Ammonium (NH_4), arsenic, bicarbonate, cadmium, chlorides, chromium, iron, lead, mercury, nitrate, sodium, total dissolved solids (TDS), total organic carbon (TOC), and EPA 601/602 analytes.

Quality Assurance

Procedures and techniques for

- sample collection,
- sample preservation and shipment,
- analytical procedures, and
- chain of custody control

by an entity

will be in accordance with an approved FDEP quality assurance plan.

*performed by a lab w/ a quality assurance/quality control plan
approved by FDEP.*

*{ Plan needs to locate & evaluate interconnection w/ Floridan
" " " protect Floridan from leachate
" " " for wells from "
check how groundwater velocity against sampling frequency*

*Also must perform foundation analysis
MW4 must be installed within 90 days of permit issued no add'l well proposed
Inform to 10 day before each sampling event*

TABLE 2: SUMMARY OF PIEZOMETER WATER TABLE MEASUREMENTS
(July, 1993)

→ C.A.

Piezometer #	Top of Casing Elevation (ft NGVD)	Depth to Water From Top of Casing	Water Table Elevation (ft NGVD)
MW-1	104.9	11.6	93.30
MW-2	79.5	24.0	55.50
MW-3	91.6	10.7	80.90

GROUNDWATER MONITORING PLAN

Monitoring Wells

Based on our interpretation of the ground water flow regime in the uppermost aquifer and the configuration and size of the waste management boundary, the existing monitoring wells MW-1, MW-2, and MW-3 can be incorporated into the groundwater monitoring system. The locations of these wells are shown on Figure 2. The constructed details for these wells are described in the GEC reports of May 1991 and July 1993 and key details are summarized in Table 3.

TABLE 3: CONSTRUCTION DETAILS FOR EXISTING MONITORING
WELLS (from GEC reports)

Monitoring Well #	Top of Casing Elevation (ft NGVD)	Ground Surface Elevation (ft NGVD)	Screen Interval (ft NGVD)	Water Table Altitude (ft NGVD) (07/02/93)
MW-1	104.9	102.9	83.9 - 88.9	93.3
MW-2	79.5	77.5	47.5 - 52.5	55.5
MW-3	91.6	89.6	64.6 - 74.6	80.9

Below MW and

As the landfill increases in height, the well casings may need to be extended vertically. The existing wells/well locations designated MW-2 and MW-3 will serve as detection wells within the zone of discharge, representing the quality of groundwater downgradient of the facility. The existing well designated MW-1 on the Location

transition to the Floridan aquifer potentiometric surface is an indication that within the immediate vicinity of the northern portion of the site, a fair degree of connection exists between the surficial and Floridan aquifers.

Based on our review of available information, including historical aerial photographs and the U.S. Geological Survey Apopka Quadrangle, there are a number of off-site localized depressional features which are located northeast, north and northwest of the site, and these may actually serve as the "connection" between the two aquifers. Based on review of water level information presented on the 1-foot topo-aerial for the site, water levels within a relatively deep surface water feature located along the northwest site boundary have been surveyed at elevation +67.8 feet, approximately 12 to 14 feet above the average Floridan aquifer potentiometric surface elevation of +54 feet. This may be an indication that while there is some degree of connection between the two aquifers within the northern portion of the site, this connection is not of sufficient "transmissibility" that localized recharge from groundwater seepage and/or surface runoff moves rapidly into the Floridan. In all likelihood, any subsurface connections that exist between the two aquifers, via a breach in the confining layer, is sand filled and retards the rate and movement of water into the Floridan aquifer from the surficial aquifer.

TABLE 1: SITE-SPECIFIC HYDROSTRATIGRAPHY

Layer #	Depth Below Grade		Soil Description	Remarks
	From	To		
1	0 ft	30 ft	Orangish brown fine sands to silty fine sands	Uppermost aquifer
2	30 ft	50 ft	Greenish gray silty fine sand with shell	Uppermost aquifer
3	50 ft	80 ft	Greenish gray phosphatic clayey fine sand and clays	Confining layer (low permeability; less than 1×10^{-7} cm/s)

inconsistent w/ fig 3

The potentiometric surface of an aquifer is defined by the level to which water will rise in tightly cased wells that penetrate the aquifer. In the site vicinity, the potentiometric surface elevation of the Upper Floridan aquifer is approximately +54 ft NGVD and the direction of flow of water in this aquifer is to the northeast towards Rock Springs. The potentiometric surface of the Floridan aquifer is therefore below ground surface in the site vicinity. Since the potentiometric surface is lower than the altitude of the water table in the surficial aquifer in the site vicinity, there is recharge from the surficial aquifer to the Floridan aquifer.

SITE-SPECIFIC HYDROSTRATIGRAPHY

Site-specific stratigraphy was evaluated by utilizing existing data compiled by Jammal & Associates/PSI for the adjacent Orange County Plymouth Landfill site (PN 87-03154) and site-specific data reported previously by Geotechnical and Environmental Engineering Consultants (1991 and 1993). The locations of the monitoring wells installed on the site by GEC and the piezometers installed on the adjacent site by Jammal & Associates are shown on the Location Plan of Figure 2.

The cross section interpreted from the soil profiles reported by both site investigations is presented on Figure 3. As noted, the borings disclosed conditions which are consistent with our knowledge of the area. The soil stratigraphy may be generalized as presented on Table 1.

The depth to the ground water table was measured in the piezometers on October 19, 1993. Top of casing and ground surface elevations at each monitoring well location were surveyed by the Civil Design Group and reported by GEC. These data are summarized on Table 2. As noted, the ground water table is generally 1 to 2 feet below ground surface on the adjacent Orange County site, while groundwater levels vary from 0 to 25 feet below land surface on the subject site. Ground water flow in the uppermost aquifer generally follows the slope of the existing land surface (i.e., flows across the site from south to north).

Our interpretation of the groundwater levels within the surficial aquifer are presented as groundwater level contours on Figure 2. Comparison of the groundwater contour map on Figure 2 with the hydrogeologic cross-section on Figure 3 indicates that, groundwater levels within the surficial aquifer decline to the approximate level of the potentiometric surface of the Floridan aquifer, or approximately +54 to +55 feet in the northern portion of the site. This transition occurs within a lateral distance of less than 600 feet, with water level declining from +81 feet at monitoring well MW-3 to +55 feet at MW-2. Based on our experience with similar sites, this

How do you know what happens N. of MW 2?

0 to 48 feet	Undifferentiated sand, and clay (Citronelle)
48 to 123 feet	Undifferentiated Hawthorn Group (silt and phosphatic clay)
123 to 138+ feet	Ocala Group limestone

The correlation between the principal geologic and hydrogeologic units are based primarily on hydraulic conductivity of the geologic media. The ground water flow system comprises three distinct aquifers separated by two semiconfining units. The surficial aquifer is unconfined and is composed of interbedded, sands, silts, and clays. Thickness of the surficial aquifer sediments ranges from about 50 ft to as high as 75 ft. The primary hydrologic function of the surficial aquifer on a regional scale is to either recharge the underlying Upper Floridan aquifer, or to discharge ground water to surface water bodies. The upper confining unit which is composed of sands, sandy-clay and clay (often phosphatic) of the Hawthorn Group, separates the surficial aquifer from the highly productive limestones that form the Floridan aquifer system. The primary hydrologic functions of the upper confining unit are to confine the Floridan aquifer system under artesian pressure, and to transmit water between the surficial and Upper Floridan aquifers.

drinking ? The Floridan aquifer system ^{supply} lies below the upper confining unit and is the major source of ground water in this area. The top of the Floridan is defined as the first occurrence of vertically persistent, permeable, consolidated, carbonate rocks. The thickness of the Floridan aquifer ranges from about 2300-2500 ft in northern Orange County. The Floridan aquifer system has two distinct permeable zones separated by a middle semi-confining unit. The upper permeable zone is referred to as the Upper Floridan aquifer. The Upper Floridan consists entirely of the Ocala Group Limestones and the top portion of the Avon Park Formation. These marine limestones form an extremely prolific aquifer due to their high secondary porosity. The thickness of the Upper Floridan aquifer is approximately 300 feet through most of this area.

The middle semiconfining unit separates the Upper Floridan and Lower Floridan production zones. This unit is composed of a portion of the Avon Park Formation, which are less permeable dolomitic limestones. The thickness of the middle semiconfining unit ranges from about 600 ft in western Orange County to about 800 ft in central and eastern Orange County.

The Lower Floridan is composed primarily of the Avon Park Limestone and the Lake City Limestone. In western Orange County, the Lower Floridan supplies high quality water to several major pumping centers. With proximity to Rock Springs and Wekiva Springs, water quality generally degrades in the Lower Floridan aquifer due to continuous discharge to the springs.

- (3) *Vertical permeability, thickness, extent of any confining beds and hydraulic interconnections;*
- (4) *Topography, soil information and surface water drainage system surrounding the site.*

At a minimum, one (1) background (upgradient) well and two (2) downgradient wells will be required. More wells may be required due to site size or hydrogeological conditions. For new sites, wells must be installed prior to acceptance of wastes. The director shall recommend and the board will determine the parameters to be monitored and frequency of monitoring at the time of permit issuance. At a minimum, the wells shall be analyzed for all Florida Primary and Secondary Drinking Water Standards, by a laboratory which has a quality assurance/quality control plan which has been approved by the Florida Department of Environmental Protection.

- *Final elevation at time of closure of the disposal site, including a minimum of two (2) feet of final cover material, shall not exceed the original elevation of the site. The original elevation of the site shall mean the elevation prior to any excavation or fill activities which have occurred at the site. The board may waive this requirement and allow solid waste to be placed to an elevation of up to fifty (50) feet above original elevation of the site if the applicant affirmatively demonstrates that a public need for this disposal capacity exists..... In no case may final elevations exceed fifty (50) feet above original elevation of the site.*

GEOLOGY & HYDROGEOLOGY

The geology and hydrogeology of the study area has been described by numerous authors, one of the more recent and comprehensive descriptions being presented by Tibbals (1990).

A simplified geologic section, based primarily on deep test boring data from the adjacent Orange County site, with corresponding hydrogeologic units is presented in cross-sectional view on Figure 3. In general, the subsurface within the study area is dominated by the Ocala Group limestone and the Avon Park, and Lake City Limestones. This thick sequence of carbonate rocks is overlain by the Hawthorn Group, which consists of marine interbedded sands and clays that are often phosphatic. The Hawthorn Group is in turn overlain by surficial deposits consisting of undifferentiated sands, silts, and sandy clays that are occasionally delineated as the Citronelle Formation. Based on Standard Penetration Test boring logs (Jammal & Associates Project No.87-03154) for the adjacent Orange County "Plymouth" Landfill Site, the lithostratigraphy within 138 feet of ground surface is as follows:

or from the renovation or maintenance of a structure. The term includes rocks, soils, tree remains, trees, and other vegetative matter which normally results from land clearing or land development operations for a construction project. Mixing of construction and demolition debris with other types of solid waste, including material which is not from actual construction or destruction of a structure, will cause it be classified as other than construction and demolition debris.

- Construction and demolition debris landfills are those which receive only construction and demolition debris, regardless of the amount.

- Six (6) copies of the following documents and information shall be submitted as part of the permit application. All submittals must be signed and sealed by a professional registered (State of Florida) land surveyor, engineer, or professional hydrogeologist, as appropriate, and shall include the following:

.....
 (7) Soil boring logs and reports indicating soil types present on the site.

(8) Hydrogeological assessment of site and proposed groundwater monitoring plan in accordance with section 32-216(v) herein.

.....

- Ground water monitoring. Waste shall be disposed of only in disposal sites where a ground water monitoring plan, including a hydrogeological survey, has been completed. The hydrogeological survey shall include a foundation analysis to determine the structural integrity of the subgrade to support the loads and stresses imposed by the proposed landfill. Monitoring is intended to allow a predictive evaluation of the movement and composition of discharge from the site.....The plan shall show the location(s) of the proposed unaffected natural background and downgradient monitor well(s), construction details of the monitor well(s) and a water sampling and chemical analysis protocol which can determine background quality of the ground water in the vicinity of the site and any deviations in the receiving quality of the ground water in the downgradient monitor well(s). The following hydrogeological, physical and chemical data for the site is the type generally required for assessment of the monitoring plan:

(1) Direction and rate of ground water flow, and background ground water quality;

(2) Porosity, horizontal and vertical permeability for the aquifer(s) and depth to, and lithology of, the first confining bed(s);

SITE & PROJECT DESCRIPTION

A construction and demolition debris landfill is currently operational on a $10.3 \pm$ acre site located in Section 25, Township 20 South, Range 27 East, near the community of Plymouth in Orange County, Florida. The approximate site vicinity is shown on Figure 1 (attached). As depicted on the Location Plan of Figure 2, the site configuration is approximately L-shaped and is bounded to the west by the Zellwood Station development, an abandoned Orange County borrow pit to the south, and numerous smaller parcels to the east.

Based on the 1-foot topographic map of the site prepared by the Civil Design Group, the ground surface slopes generally from south to north. Elevations range from +120 ft NGVD on the southwestern limits of the site to +68 ft NGVD in an excavated area in the northwestern section of the property. Based on review the U.S. Geological Survey Apopka Quadrangle and inspection of the site, it appears as if 15 to 20 feet of sand/sandy clay overburden has been removed for use as fill. Standing water was noted within an excavated area located in the northwestern section of the site. Ponded water/seepage outcrops were noted in the south-central portion of the site, near the location of monitoring well MW-3.

The elements of the development are shown on the site plan prepared by the Civil Design Group (Sheet 1, Project No. 93-15; April 1993). The landfill is to be constructed ²⁷⁰⁻²⁸⁵entirely above ²⁰grade, rising to a maximum elevation of +121 ft NGVD or about 30 feet above ²¹⁰natural ²¹⁵grade. Side slopes of the landfill will be generally be graded at 5 Horizontal to 1 Vertical. Due to the nature of the solid waste, a liner or leachate collection system is not required.

A stormwater management pond is proposed on the northern end of the landfill and a smaller pond and adjacent swale is proposed along the east-central boundary of the site. The footprint of the landfill itself is generally "L-shaped" and of approximate dimensions 1000 ft (N-S) by 640 feet in the south, and 393 feet in the south.

swale to extend along E & S boundaries

EXCERPTS FROM ORANGE COUNTY SOLID WASTE ORDINANCE

The following relevant information is excerpted from the Orange County "Solid Waste Ordinance":

- *Construction and demolition debris shall mean materials generally considered to be not water soluble and nonhazardous in nature including, but not limited to, steel, glass, brick, concrete, asphalt roofing material, pipe gypsum wallboard, and lumber, from the construction and destruction of a structure as part of a construction or demolition project*

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Figure 2:	Location Plan
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We trust that this reports adequately addresses the requirements for a hydrogeologic survey as per the Orange County code. Please do not hesitate to contact the undersigned at (407) 290-2371 if any clarification is required.

Sincerely,

Devo Seereeram

Devo Seereeram, Ph.D.

Hydro-geotechnology Consultant

Note: Appendix A contains certification that this report was prepared under the responsible supervision of a professional geologist registered in the state of Florida

cc. Mr. Eugene Robison
Fields and Robison
Post Office Box 964
Altamonte Springs, Fl 32714

Based on review of available data and our knowledge of soil and groundwater level conditions on the Orange County tract to the south, and the Zellwood Station development to the west, it is our opinion that within the vicinity of the northern end of the site, there is a fair degree of "interconnection" between the surficial and Floridan aquifers. This is exhibited by the close correlation between the measured groundwater levels in this portion of the site and the average potentiometric surface elevation of the Floridan aquifer (i.e., approximately 1 foot difference). Based on our review of historic information and a reconnaissance of the adjacent sites, it appears that there are a number of offsite depressional areas which may actually be the zones of prime recharge to the Floridan aquifer.

Aerial topographic maps prepared by the Civil Design Group indicate that the water level in a surface water feature located within northern end of the site has been measured at elevation +67.8 feet, approximately 10 to 12 feet above the average Floridan aquifer potentiometric level. Based on our knowledge of similar features within the Zellwood Station Development, this elevation (+67.8 feet) corresponds with normal seasonal high water levels within lakes to the west. Therefore, the degree of "connection" between the surficial and Floridan aquifers at this site is slow enough to allow moderate to high pressure differentials between the two aquifers during seasonal high conditions.

In summary, the results of our evaluation indicate that there appears to be a lesser degree of confinement between the two aquifers (surficial and Floridan) in the northern portion of the site. However, it is our opinion that this condition may be addressed by placing an additional deep monitoring well in this portion of the site. The wells will monitor water quality within the surficial and Floridan aquifers.

It is therefore our opinion that there are no serious site-specific hydrogeologic constraints to the construction of a landfill as shown on the engineering plans prepared by the Civil Design Group (Sheet 1 of 8, Project No. 93-15; June 1993).

Devo Seereeram, Ph.D.

Hydro-geotechnology Consultant

5633 Partridge Drive • Orlando, FL 32810 • 407-290-2371 • Fax: 407-298-9011

March 13, 1994

Fields and Robison
c/o The Civil Design Group
401 S. Rosalind Avenue
Suite 200
Orlando, Florida 32801

Attention: Mr. Neal B. Hiler, P.E.

SUBJECT: HYDROGEOLOGIC SURVEY
10.3± Acre "Fields-Robison" Construction & Demolition Debris
Landfill, Plymouth, Orange County, Florida

Dear Mr. Hiler:

Attached is the report on the hydrogeologic survey for the above-referenced landfill. This report has been prepared to address the requirements for the permitting of a construction and demolition debris landfill as per the Orange County Solid Waste Ordinance.

In summary, our review of existing soil and groundwater level data for this site and an adjacent site disclosed that the soil stratigraphy within this 10.3 acre site is variable, consisting of an upper veneer of undifferentiated sands, sandy silts, and clays underlain by a 45 foot thick semi-confining layer of phosphatic clay which occurs at an elevation of +56 ft NGVD. This layer of clayey sand acts as a semi-confining unit separating the uppermost surficial aquifer from the Floridan aquifer. The surficial aquifer comprises mainly fine sands to silty fine sand with a shell fraction in the lower zone.

In general, the ground water table in the uppermost aquifer occurs at elevations varying from +93 ft NGVD in the southern portion of the site to +55 ft NGVD in the northern portion. The direction of ground water flow is consistent with the slope of the pre-excavation ground surface (i.e., from south to northeast).

HYDROGEOLOGIC SURVEY
Proposed 10.3± Acre C & D Landfill
Plymouth, Orange County, Florida

prepared for
Fields and Robison
c/o Civil Design Group
401 S. Rosalind Avenue, Suite 200
Orlando, Florida 32801

prepared by
Devo Seereeram, Ph.D.
Hydro-geotechnology Consultant
5633 Partridge Drive
Orlando, Florida 32810

March 1994



SCS Soils Map Sheet No.: 6
 Map Revision Date: 1989
 Scale: 1" = 1,000'

Hydraulic Soils Group Classification

A
 A
 N/A
 A

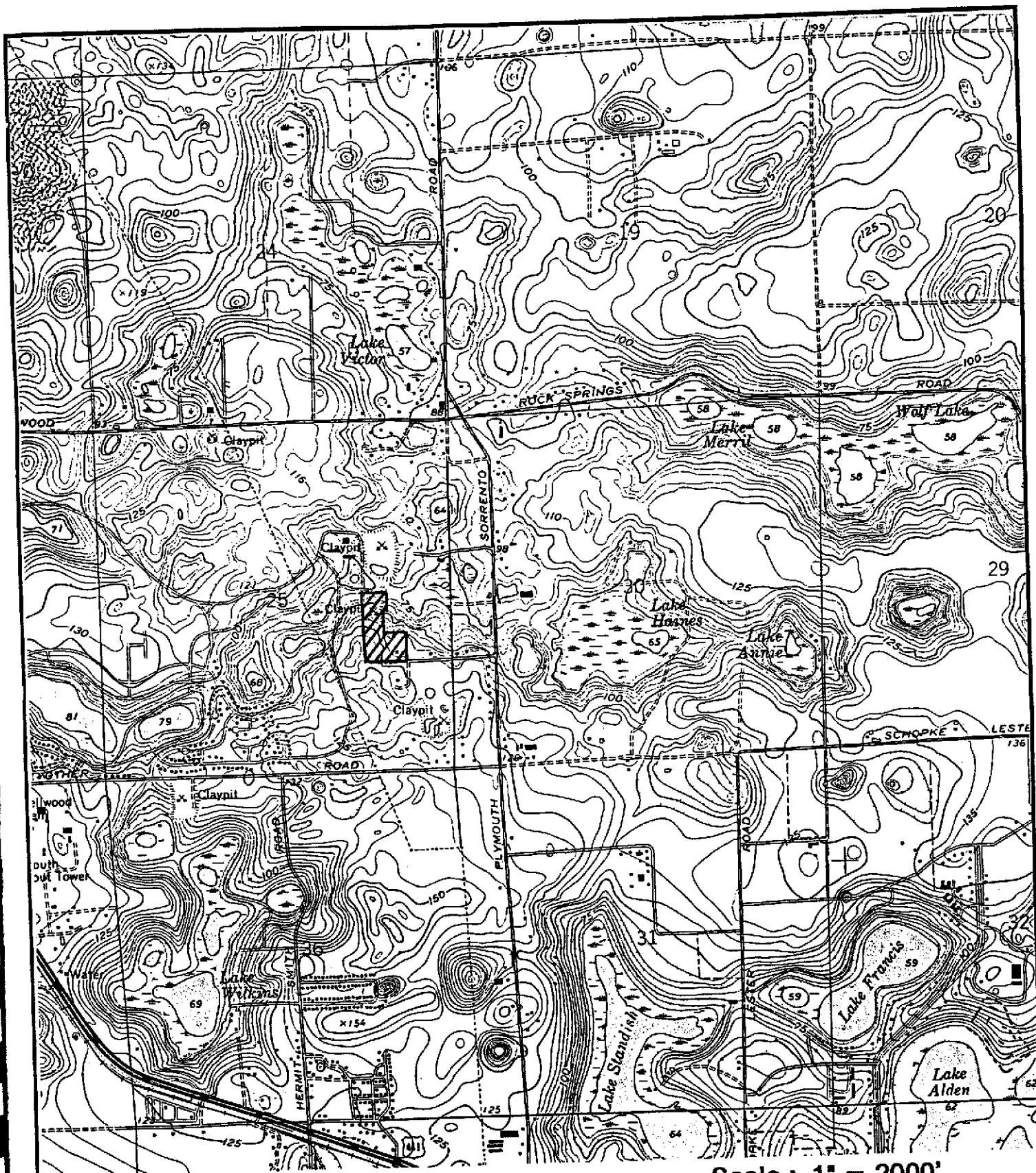
Map No.	Soil Groups
5	Candler Fine Sand
6	Candler - Apopka Fine Sand
33	Pits
47	Tavares



THE
CIVIL DESIGN GROUP
 INC.
ENGINEERS · SURVEYORS · PLANNERS

Source:
 Soil Survey of Seminole County
 USDA Soil Conservation Service

Fields and Robinson Soils Map
 Orange County, Florida



Scale : 1" = 2000'

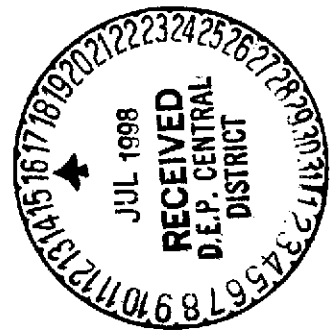


Source:
U.S.G.S. Quandrangle Map
Apopka
Map Revision Date : 1980

Fields and Robinson
Location Map

Figure 1-1

FILE COPY



**Report of Third
Groundwater Monitoring Well Installation
PROPOSED FIELDS AND ROBISON LANDFILL
NEAR PLYMOUTH OAKS ROAD
Orange County, Florida
GEC Project No. 77E**



Geotechnical and Environmental Consultants, Inc.

July 8, 1993

Fields and Robison
Post Office Box 964
Altamonte Springs, Florida 32714

Attention: Mr. Eugene Robison

Subject: Report of Third Groundwater Monitoring Well Installation
PROPOSED FIELDS AND ROBISON LANDFILL
NEAR PLYMOUTH OAKS ROAD
Orange County, Florida
GEC Project No. 77E

Dear Mr. Robison:

Geotechnical and Environmental Consultants, (GEC) Inc. is pleased to present this report of our groundwater monitoring installation for the above-referenced site. The work was performed in accordance with our proposal dated June 18, 1993, and was authorized by your acceptance of that proposal. The purpose of this work was to install a third permanent groundwater monitoring well for future use in obtaining downgradient groundwater quality samples. This report describes our monitoring well installation procedures and details.

SITE AND PROJECT DESCRIPTION

The subject site is located in Section 25, Township 20 South, Range 27E, Orange County, Florida. A site vicinity map is shown on Figure 1. More specifically, this site is located just southwest of the intersection of Plymouth-Sorrento Road and Plymouth Oaks Road in Zellwood, Florida. The site is located adjacent and directly south of the existing Orange County Class III Landfill. The site is presently undeveloped and has previously been used as a borrow pit. Existing ground surface elevations range from approximately +70 feet and GVD to +120 feet in GVD, according to topographic information provided by The Civil Design Group.

For this study, we installed one ground monitoring well (Well No. 3) in the location shown on Figure 2 in the Appendix. This location was selected to be on the downgradient side of the property, based on groundwater flow direction information we had acquired from our original work at this site in 1991.

Previous work performed by GEC at this site is documented in our report of groundwater monitoring well installation sampling and analytical water testing dated May 13, 1991. For our previous work, we installed two groundwater monitoring wells in the locations shown in Figure 2 of the Appendix. One well was installed in the southwest corner of the site and one well was installed in the northeast corner of the site. These monitoring well locations respond to the approximate upgradient and downgradient groundwater flow directions, respectively. Our Standard Penetration Test (SPT) boring logs and a typical monitoring well construction detail for these two previous wells are also included in the Appendix.

THIRD WELL INSTALLATION

Prior to the installation of the third groundwater monitoring well, we performed one auger boring in order to determine groundwater conditions and soil stratigraphy at the well location. The results of this auger boring are shown on Figure 2 of the Appendix. This boring encountered approximately 8 feet of tan to brown fine sand with trace silt (SP-SM) underlain by approximately 16 feet of tan sandy silt (ML). The final 1 foot of the auger boring encountered light grey fine sand with trace silt (SP-SM). Groundwater was encountered at a depth of approximately 16 feet below the ground surface.

One 2-inch-diameter monitoring well was installed to a depth of 25 feet below the ground surface by advancing a 6-inch hollow stem auger to a depth of 26 feet with the monitoring well in place. The screened interval was the bottom 10 feet of the well. The hollow stem auger was extracted and the annular space was filled with a 20/30 grade silica sand pack. The sand pack was then sealed with approximately 1 foot of bentonite and then grouted to the surface with a cement grout. A 3-foot locking steel riser was then mounted in a concrete pad at the surface. Well construction details are included on Figure 3 of the Appendix. The 6-inch hollow stem augers used in well construction were steam cleaned prior to well installation.

On July 2, 1993, surveyors from The Civil Design Group obtained relative topographic elevations at the 3 well locations. The following information was obtained:

WELL NO.	GROUNDWATER ELEVATION*
1	93.3
2	55.5
3	80.9

* See attached survey data provided by The Civil Design Group

GEC did not sample this well upon installation. We suggest you use a local analytical laboratory that provides sampling and testing services. For your convenience we have included the name, address, and phone number of three local analytical laboratories:

HydroLogic, Inc.
2400 Forsyth Road, Room 107
Orlando, Florida 32807
(407) 677-1882

Orlando Laboratories, Inc.
820 Humphries Avenue
Orlando, Florida 32803
(407) 896-6645

VOC Analytical Laboratories, Inc.
1097-B Douglas Avenue
Altamonte Springs, Florida 32714
(407) 865-5885

CLOSURE

GEC appreciates the opportunity to submit this report and we look forward to working with you again in the future. If you should have any questions regarding the contents of this report, or if we may be of further assistance, please do not hesitate to contact us.

Very truly yours,

GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC.

Paul D. Tanke (H)

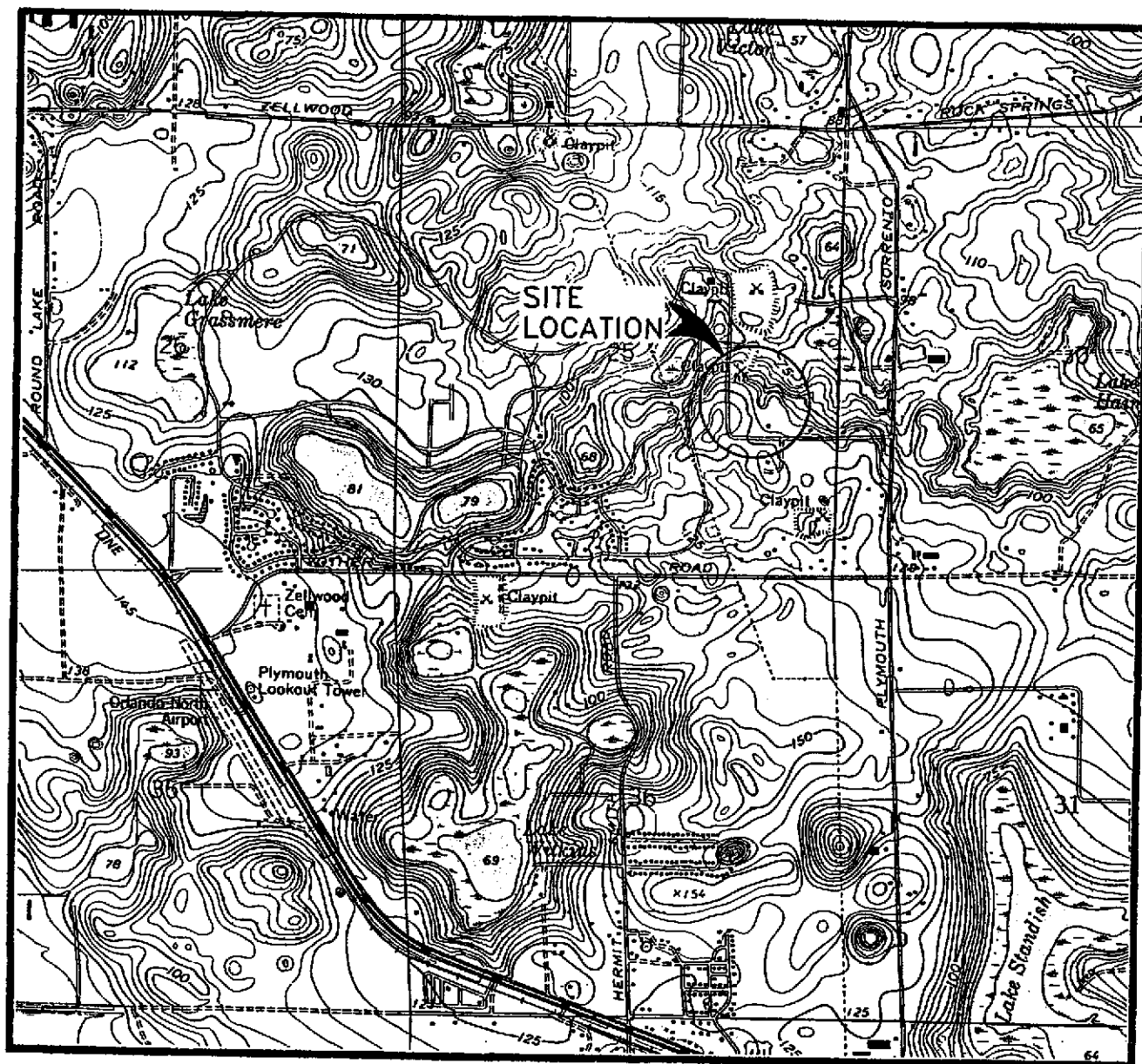
Paul D. Tanke, E.I.
Project Engineer

PDT\BPM\lm

Bryant P. Marshall
11-18-93

Bryant P. Marshall, P.E.
Chief Engineer

APPENDIX



SCALE: 1" = 2000' (APPROXIMATE)

PREPARED FROM:

USGS APOPKA, FLA., QUADRANGLE MAP

ISSUED 1960

PHOTOREVISED 1980

SECTION: 25

TOWNSHIP: 20 SOUTH

RANGE: 28 EAST

PROJECT NO.: 77E

7-8-93

CHECKED BY: P.D.T.

DRAWN BY: S.K.R.



**Geotechnical and
Environmental Consultants, Inc.**
100 West Washington Street, Orlando, Florida 32801-2315
407/420-1010, FAX 407/420-1060

SITE VICINITY MAP
FIELDS & ROBISON
LANDFILL

FIGURE 1



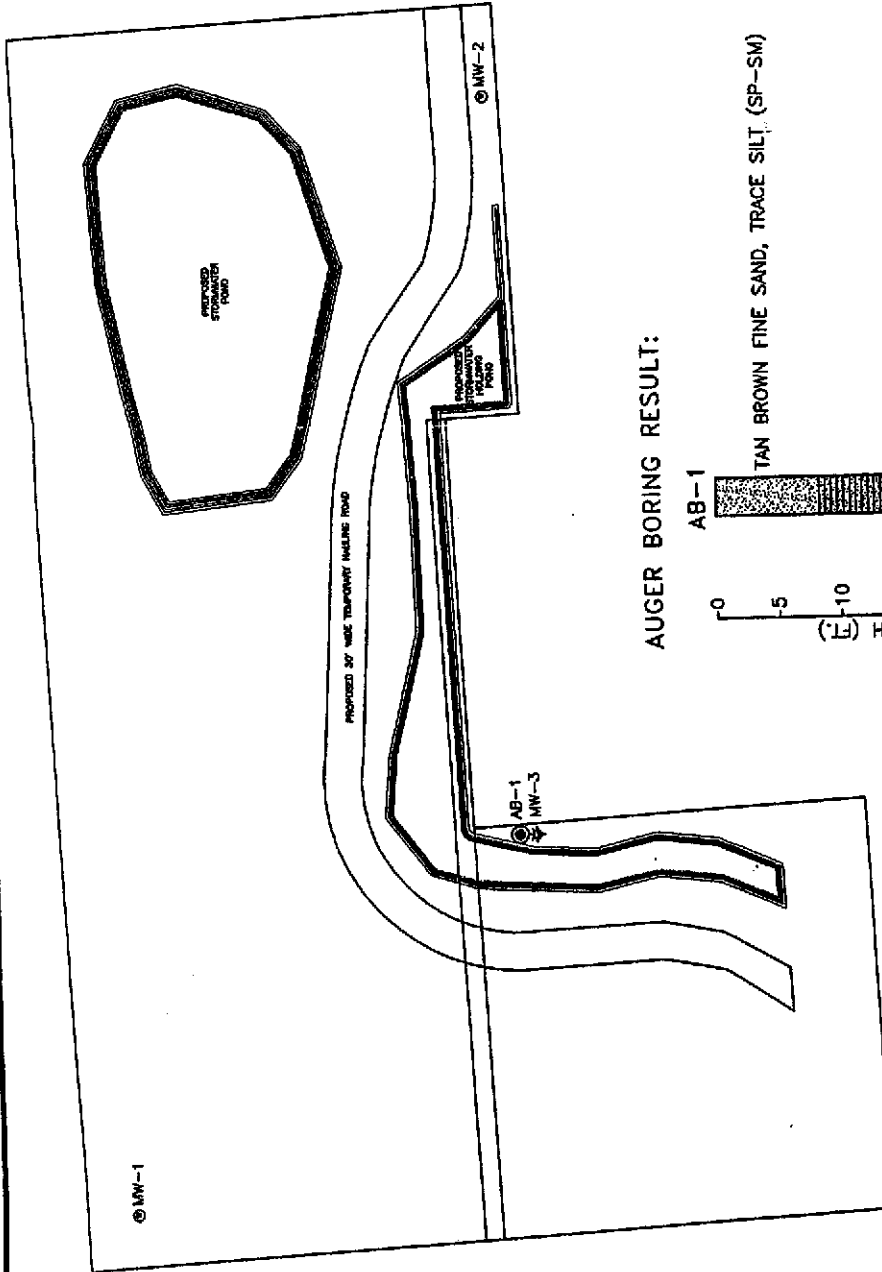
SCALE:
0 50 100 200 FT.

LEGEND:

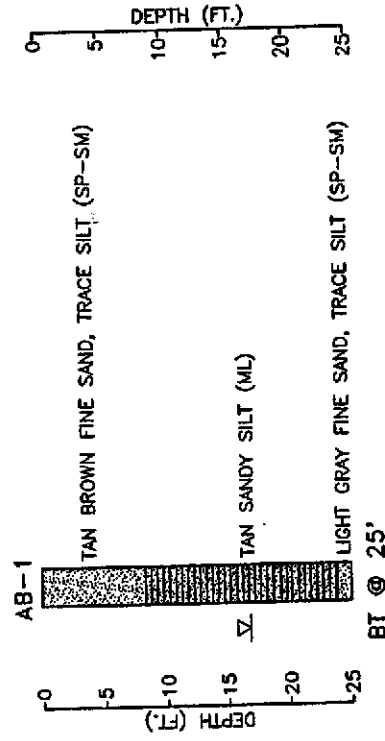
- ⊙ AUGER BORING LOCATION
- ✦ NEW MONITORING WELL LOCATION
- ⊙ EXISTING MONITORING WELL LOCATION
- ▽ GROUNDWATER LEVEL AT TIME OF WELL INSTALLATION

BT BORING TERMINATED

(SP) UNIFIED SOIL CLASSIFICATION SYMBOL



AUGER BORING RESULT:



PREPARED FROM A DRAWING PROVIDED BY:
THE CIVIL DESIGN GROUP, INC.

PROJECT NO.: 77E
7-7-93
CHECKED BY: P.D.T.
DRAWN BY: S.K.R.

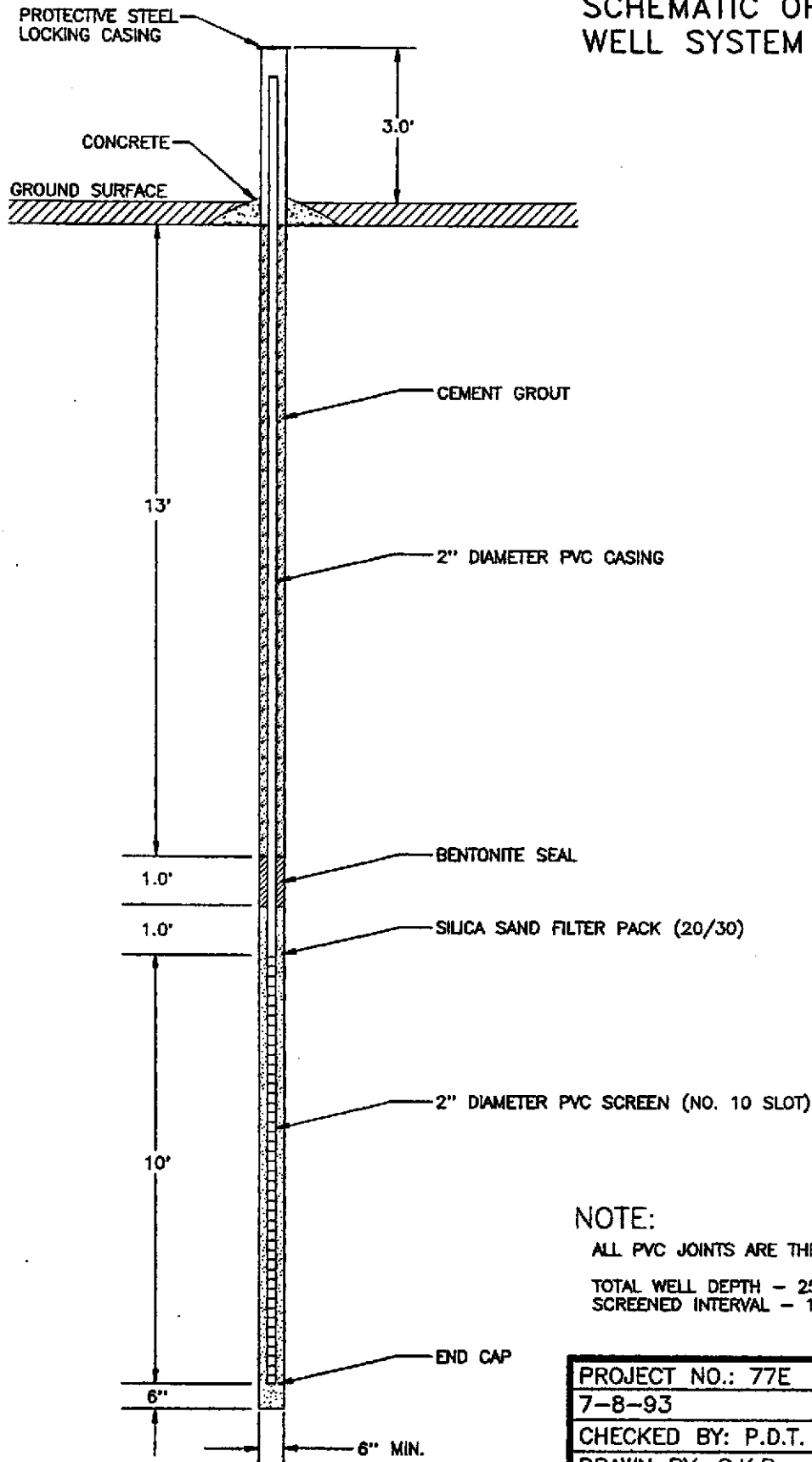


Geotechnical and
Environmental Consultants, Inc.
100 West Washington Street, Orlando, Florida 32801-2315
407/420-1010, FAX 407/420-1060

MONITORING WELL LOCATIONS
FIELDS & ROBISON
LANDFILL

FIGURE 2

SCHEMATIC OF MONITORING WELL SYSTEM



NOTE:

ALL PVC JOINTS ARE THREADED, NOT GLUED.

TOTAL WELL DEPTH - 25 FT.
SCREENED INTERVAL - 15 FT.-25 FT.

PROJECT NO.: 77E

7-8-93

CHECKED BY: P.D.T.

DRAWN BY: S.K.R.



**Geotechnical and
Environmental Consultants, Inc.**
100 West Washington Street, Orlando, Florida 32801-2315
407/420-1010, FAX 407/420-1060

MONITORING WELL NO. 3
CONSTRUCTION DETAIL
FIELDS & ROBISON
LANDFILL

FIGURE 3

FIELDS & ROBISON C & D LANDFILLRESULTS OF WATER TABLE SURVEYMONITORING WELL # 1

Located at the south west corner of the site.

Elev. of top of 2" PVC	104.90
Depth to Water Table	11.6
Elevation of Water Table	93.3

MONITORING WELL # 2 -

Located in the northeast corner of the site near the "front gate"

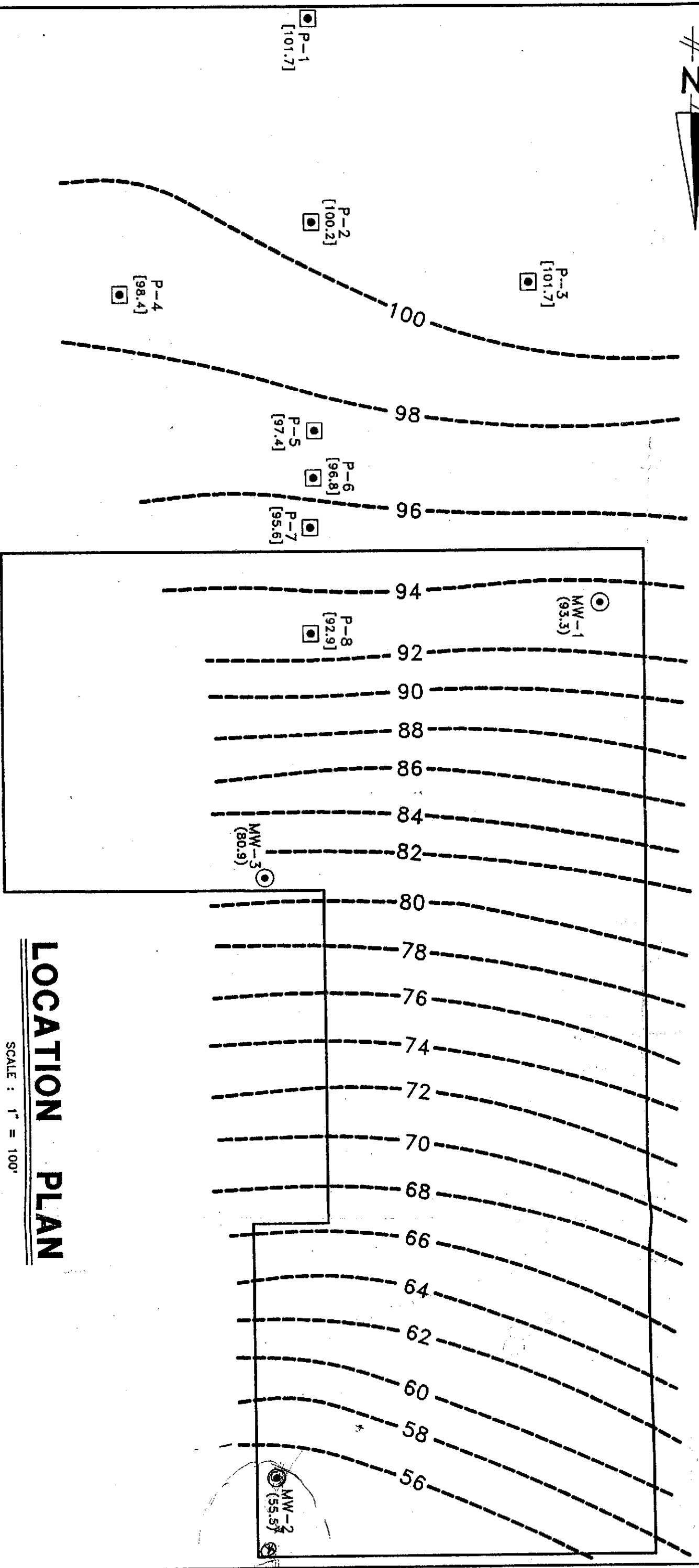
Elev. of Top of 2" PVC	79.50
Depth to Water Table	24.0 ft.
Elevation of Water Table	55.5±

MONITORING WELL # 3

(NEW) Located 450 feet northeast of MW # 1

Elev. of top of 2" PVC	91.6
Depth to Water Table	10.7
Elevation of Water Table	80.9

File Copy



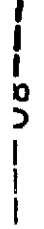
LEGEND



JAMMAL & ASSOCIATES, INC., PN 87-03154, PAGE 3 OF 6, GROUND WATER LEVEL MEASUREMENTS (11-18-88)



GEOTECHNICAL AND ENVIRONMENTAL CONSULTANTS, INC., PN 77E, TABULATED GROUND WATER LEVEL MEASUREMENTS (7-2-93)



ESTIMATED GROUND WATER CONTOURS (2' CONTOUR INTERVAL); COMPILATION

LOCATION PLAN

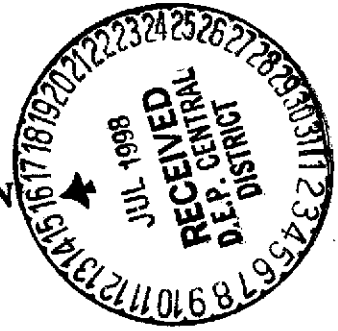
SCALE : 1" = 100'

FIELDS AND ROBINSON
PLYMOUTH LANDFILL
ORANGE COUNTY, FLORIDA

FIELDS AND ROBISON

C & D LANDFILL

REQUEST FOR ADDITIONAL INFORMATION



100 YEAR FREQUENCY
POND STAGE ANALYSIS

PREPARED FOR:

ORANGE COUNTY PUBLIC UTILITIES

JIM MC DONALD, P.E.
109 E. CHURCH STREET
ORLANDO, FLORIDA 32801

PREPARED BY:



THE
CIVIL DESIGN GROUP
INC.
ENGINEERS • SURVEYORS • PLANNERS
ORLANDO, FLORIDA



Hugh M. Lokey, P.E.
Florida Registration No. 16583

Advanced Interconnected Channel & Pond Routing (adICPR Ver 1.40)
 Copyright 1989, Streamline Technologies, Inc.

POST DEV. 100-YR 24-HR FLOOD ROUTING ANALYSIS
 MAY 20, 1994 (FN:\ADICPR\93-15\PST10024)

NODAL MIN/MAX/TIME CONDITIONS REPORT

NODE ID	PARAMETER	<-- MINIMUMS -->		<-- MAXIMUMS -->	
		VALUE	TIME (hr)	VALUE	TIME (hr)
POND100	STAGE (ft):	71.00	7.00	74.90	24.00
	VOLUME (af):	.00	7.00	3.80	24.00
	RUNOFF (cfs):	.00	7.25	3.18	9.00
	OFFSITE (cfs):	.00	24.00	.00	24.00
	OTHER (cfs):	.00	7.00	7.82	9.25
	OUTFLOW (cfs):	.00	24.00	.00	24.00
PND200	STAGE (ft):	74.00	7.00	75.90	9.25
	VOLUME (af):	.00	7.00	.15	9.25
	RUNOFF (cfs):	.00	7.00	8.16	9.00
	OFFSITE (cfs):	.00	24.00	.00	24.00
	OTHER (cfs):	.00	24.00	.00	24.00
	OUTFLOW (cfs):	.00	7.00	7.82	9.25

→ Add 1' Freeboard
 to pond 200 @
 East Property line

Report Omits:

- 1) Foundation Analysis
- 2) Inform Co 10 days before each sampling event
- 3) Any proposed new monitoring wells must be installed within 90 days of permit issue

HYDROGEOLOGIC SURVEY
Proposed 10.3± Acre C & D Landfill
Plymouth, Orange County, Florida

prepared for
Fields and Robison
c/o Civil Design Group
401 S. Rosalind Avenue, Suite 200
Orlando, Florida 32801

prepared by
Devo Seereeram, Ph.D.
Hydro-geotechnology Consultant
5633 Partridge Drive
Orlando, Florida 32810

March 1994

SITE & PROJECT DESCRIPTION

A construction and demolition debris landfill is currently operational on a 10.3± acre site located in Section 25, Township 20 South, Range 27 East, near the community of Plymouth in Orange County, Florida. The approximate site vicinity is shown on Figure 1 (attached). As depicted on the Location Plan of Figure 2, the site configuration is approximately L-shaped and is bounded to the west by the Zellwood Station development, an abandoned Orange County borrow pit to the south, and numerous smaller parcels to the east.

Based on the 1-foot topographic map of the site prepared by the Civil Design Group, the ground surface slopes generally from south to north. Elevations range from +120 ft NGVD on the southwestern limits of the site to +68 ft NGVD in an excavated area in the northwestern section of the property. Based on review the U.S. Geological Survey Apopka Quadrangle and inspection of the site, it appears as if 15 to 20 feet of sand/sandy clay overburden has been removed for use as fill. Standing water was noted within an excavated area located in the northwestern section of the site. Ponded water/seepage outcrops were noted in the south-central portion of the site, near the location of monitoring well MW-3.

The elements of the development are shown on the site plan prepared by the Civil Design Group (Sheet 1, Project No. 93-15; April 1993). The landfill is to be constructed entirely above ^{existing} grade, rising to a maximum elevation of +121 ft NGVD or about 20 feet above ^{existing} natural grade. Side slopes of the landfill will be generally be graded at 5 Horizontal to 1 Vertical. Due to the nature of the solid waste, a liner or leachate collection system is not required.

A stormwater management ^{perimeter} pond is proposed on the northern end of the landfill and a smaller pond and adjacent swale is proposed along the east ^{perimeter} boundary of the site. The footprint of the landfill itself is generally "L-shaped" and of approximate dimensions 1000 ft (N-S) by 640 feet in the south, and 393 feet in the south.

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The following relevant information is excerpted from the Orange County "Solid Waste Ordinance":

- *Construction and demolition debris shall mean materials generally considered to be not water soluble and nonhazardous in nature including, but not limited to, steel, glass, brick, concrete, asphalt roofing material, pipe gypsum wallboard, and lumber, from the construction and destruction of a structure as part of a construction or demolition project*

0 to 48 feet	Undifferentiated sand, and clay (Citronelle)
48 to 123 feet	Undifferentiated Hawthorn Group (silt and phosphatic clay)
123 to 138+ feet	Ocala Group limestone

The correlation between the principal geologic and hydrogeologic units are based primarily on hydraulic conductivity of the geologic media. The ground water flow system comprises three distinct aquifers separated by two semiconfining units. The surficial aquifer is unconfined and is composed of interbedded, sands, silts, and clays. Thickness of the surficial aquifer sediments ranges from about 50 ft to as high as 75 ft. The primary hydrologic function of the surficial aquifer on a regional scale is to either recharge the underlying Upper Floridan aquifer, or to discharge ground water to surface water bodies. The upper confining unit which is composed of sands, sandy-clay and clay (often phosphatic) of the Hawthorn Group, separates the surficial aquifer from the highly productive limestones that form the Floridan aquifer system. The primary hydrologic functions of the upper confining unit are to confine the Floridan aquifer system under artesian pressure, and to transmit water between the surficial and Upper Floridan aquifers.

The Floridan aquifer ^{supply} system lies below the upper confining unit and is the major source of ground water in this area. The top of the Floridan is defined as the first occurrence of vertically persistent, permeable, consolidated, carbonate rocks. The thickness of the Floridan aquifer ranges from about 2300-2500 ft in northern Orange County. The Floridan aquifer system has two distinct permeable zones separated by a middle semi-confining unit. The upper permeable zone is referred to as the Upper Floridan aquifer. The Upper Floridan consists entirely of the Ocala Group Limestones and the top portion of the Avon Park Formation. These marine limestones form an extremely prolific aquifer due to their high secondary porosity. The thickness of the Upper Floridan aquifer is approximately 300 feet through most of this area.

The middle semiconfining unit separates the Upper Floridan and Lower Floridan production zones. This unit is composed of a portion of the Avon Park Formation, which are less permeable dolomitic limestones. The thickness of the middle semiconfining unit ranges from about 600 ft in western Orange County to about 800 ft in central and eastern Orange County.

The Lower Floridan is composed primarily of the Avon Park Limestone and the Lake City Limestone. In western Orange County, the Lower Floridan supplies high quality water to several major pumping centers. With proximity to Rock Springs and Wekiva Springs, water quality generally degrades in the Lower Floridan aquifer due to continuous discharge to the springs.

transition to the Floridan aquifer potentiometric surface is an ^{vague} indication that within the immediate vicinity of the northern portion of the site, a fair degree of connection exists between the surficial and Floridan aquifers.

Based on our review of available information, including historical aerial photographs and the U.S. Geological Survey Apopka Quadrangle, there are a number of off-site localized depressional features which are located northeast, north and northwest of the site, and these may actually serve as the "connection" between the two aquifers. Based on review of water level information presented on the 1-foot topo-aerial for the site, water levels within a relatively deep surface water feature located along the northwest site boundary have been surveyed at elevation +67.8 feet, approximately 12 to 14 feet above the average Floridan aquifer potentiometric surface elevation of +54 feet. This ^{may be} ^{vague} an indication that while there is some degree of connection between the two aquifers within the northern portion of the site, this connection is not of sufficient "transmissibility" that localized recharge from groundwater seepage and/or surface runoff moves rapidly into the Floridan. ^{vague} In all likelihood, any subsurface connections that exist between the two aquifers, via a breach in the confining layer, is sand filled and retards the rate and movement of water into the Floridan aquifer from the surficial aquifer.

TABLE 1: SITE-SPECIFIC HYDROSTRATIGRAPHY

Depth Below Grade				
Layer #	From	To	Soil Description	Remarks
1	0 ft	30 ft	Orangish brown fine sands to silty fine sands	Uppermost aquifer
2	30 ft	50 ft	Greenish gray silty fine sand with shell	Uppermost aquifer
3	50 ft	80 ft	Greenish gray phosphatic clayey fine sand and clays	Confining layer (low permeability; less than 1×10^{-7} cm/s)

Inconsistent w/
Fig 3

TABLE 2: SUMMARY OF PIEZOMETER WATER TABLE MEASUREMENTS
(July, 1993)

Piezometer #	Top of Casing Elevation (ft NGVD)	Depth to Water From Top of Casing	Water Table Elevation (ft NGVD)
MW-1	104.9	11.6	93.30
MW-2	79.5	24.0	55.50
MW-3	91.6	10.7	80.90

correct is needed

GROUNDWATER MONITORING PLAN

Monitoring Wells

Based on our interpretation of the ground water flow regime in the uppermost aquifer and the configuration and size of the waste management boundary, the existing monitoring wells MW-1, MW-2, and MW-3 can be incorporated into the groundwater monitoring system. The locations of these wells are shown on Figure 2. The constructed details for these wells are described in the GEC reports of May 1991 and July 1993 and key details are summarized in Table 3.

TABLE 3: CONSTRUCTION DETAILS FOR EXISTING MONITORING WELLS (from GEC reports)

Monitoring Well #	Top of Casing Elevation (ft NGVD)	Ground Surface Elevation (ft NGVD)	Screen Interval (ft NGVD)	Water Table Altitude (ft NGVD) (07/02/93)
MW-1	104.9	102.9	83.9 - 88.9	93.3
MW-2	79.5	77.5	47.5 - 52.5	55.5
MW-3	91.6	89.6	64.6 - 74.6	80.9

below end. of MW2 in fig 3

As the landfill increases in height, the well casings may need to be extended vertically. The existing wells/well locations designated MW-2 and MW-3 will serve as detection wells within the zone of discharge, representing the quality of groundwater downgradient of the facility. The existing well designated MW-1 on the Location

Plan is the upgradient well which represents the quality of background groundwater that has not been affected by leakage from the facility.

In addition to the above wells, we recommend that a deeper monitoring well be constructed to monitor water quality within the Floridan aquifer. This well is to be located within the northern portion of the site, near the location of the existing monitoring well MW-2. The well construction configuration should be determined following completion of a deep test boring completed within the vicinity of MW-2 (100 ft depth).

If used, location needs to be specific Submit Constr Details

Sampling Parameters & Schedule

All wells shall be sampled twice per year (~~May~~ ^{March} and ~~September~~ ^{Oct}) for the parameters listed in Chapter 17-701 Florida Administrative Code (F.A.C.), namely

Ord. reg. 12.11 Primary + Secondary Drinking Water Standards

Field Parameters - Static water levels before purging, specific conductivity, pH, dissolved oxygen, turbidity, temperature, colors and sheens;

Laboratory - Ammonium (NH_4), arsenic, bicarbonate, cadmium, chlorides, chromium, iron, lead, mercury, nitrate, sodium, total dissolved solids (TDS), total organic carbon (TOC), and EPA 601/602 analytes.

Quality Assurance

Procedures and techniques for

- sample collection,
- sample preservation and shipment,
- analytical procedures, and
- chain of custody control

will be in accordance with an approved FDEP quality assurance plan.

performed by an entity with a quality assurance/quality control plan approved by FDEP

G.W.M.P needs to specifically address the protection of the Floridan from the probable interconnection referenced above and any potential wells in jeopardy. Plan needs to consider horizontal velocity, distance to the nearest well & interconnection & ~~not~~ develop testing frequency accordingly.

APPENDIX A
CERTIFICATION LETTER FROM PROFESSIONAL GEOLOGIST

March 8, 1994

To Whom It May Concern


Subject: Report titled "HYDROGEOLOGIC SURVEY, Proposed 10± Acre
Construction & Demolition Debris Landfill, Fields Land Clearing,
Plymouth, Orange County, Florida" dated March 13, 1994; prepared by
Devo Seereeram, Ph.D.

This letter serves as certification that the above-referenced report has been prepared
under my responsible direction as a professional geologist.

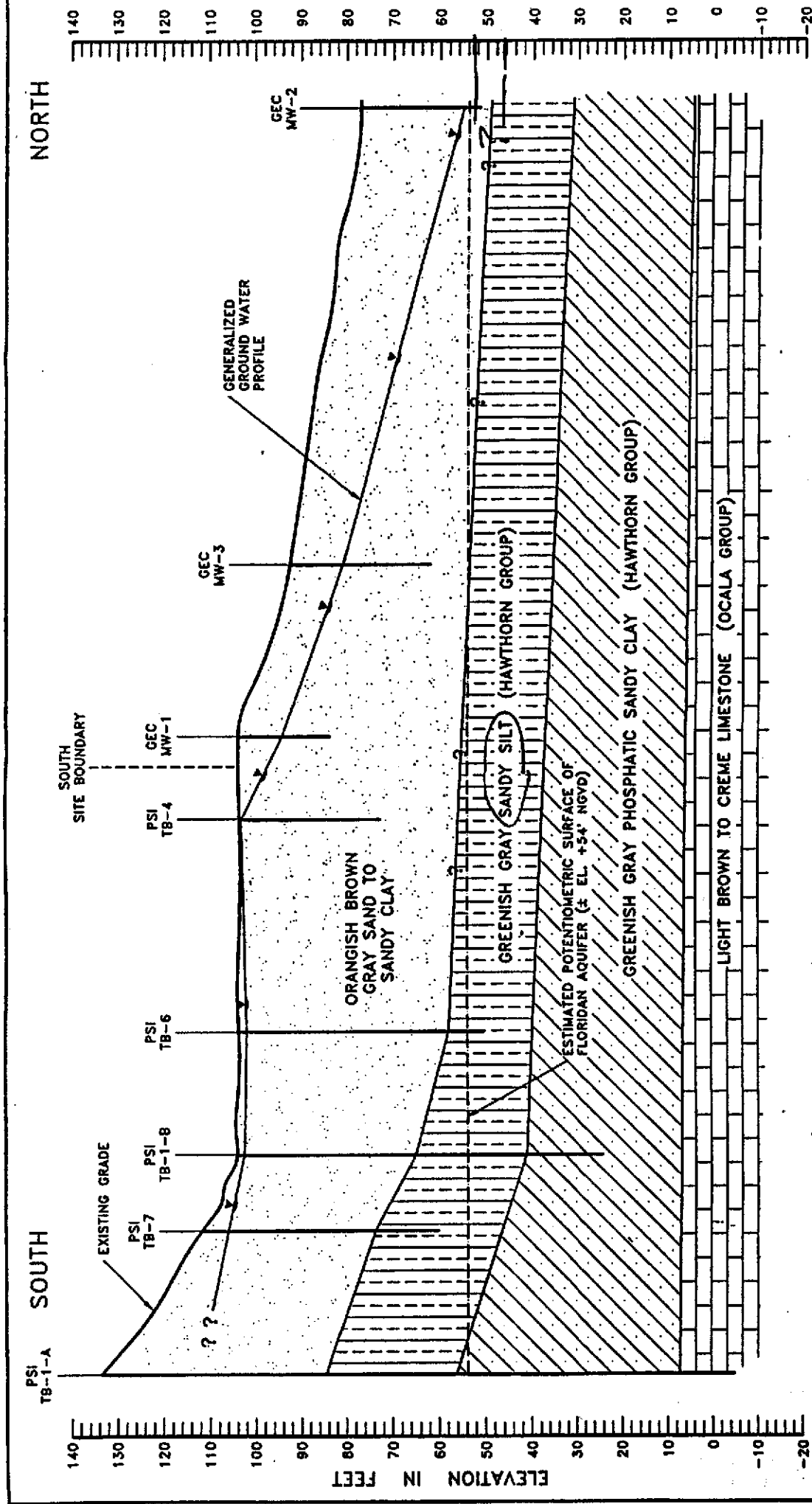
Please do not hesitate to contact the undersigned if there are any questions with
respect to this certification.

Sincerely,

PSI/JAMMAL & ASSOCIATES, INC.


Douglas J. Hearns, P.G. 3-14-94
Senior Hydrogeologist
Florida Registration No. 1279

*Be sure Mr. Hearns updates
this letter after reviewing
the revised report.*



GENERALIZED NORTH-SOUTH HYDROGEOLOGIC SECTION

FIELDS AND ROBINSON
 PLYMOUTH LANDFILL
 ORANGE COUNTY, FLORIDA

NORTH

PSI SOUTH
TB-1-A

EXISTING GRADE

PSI TB-7
PSI TB-1-B

PSI TB-6

PSI TB-4
GEC MW-1

GEC MW-3

GEC MW-2

GENERALIZED
GROUND WATER
PROFILE

ORANGISH BROWN
GRAY SAND TO
SANDY CLAY

GREENISH GRAY SANDY SILT (HAWTHORN GROUP)

GREENISH GRAY PHOSPHATIC SANDY CLAY (HAWTHORN GROUP)

LIGHT BROWN TO CREME LIMESTONE (OCALA GROUP)

ESTIMATED POTENTIOMETRIC SURFACE OF
FLORIDAN AQUIFER (\pm EL. $\pm 54'$ NGVD)

ELEVATION IN FEET

ELEVATION IN FEET

GENERALIZED NORTH-SOUTH HYDROGEOLOGIC SECTION

HORIZONTAL SCALE: 1" = 120'
VERTICAL SCALE: 1" = 20'

FIELDS AND ROBINSON
PLYMOUTH LANDFILL
ORANGE COUNTY, FLORIDA

FIGURE 3