

**ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY
THURSDAY, AUGUST 15, 1996
COMMISSIONERS BOARD ROOM
10 AM - 12 NOON**

AGENDA

I. CONSENT AGENDA

- A. Approval of Minutes: None
- B. Report of The Executive Director:
 - 1. Acceptance of Monthly Activity Reports 1
 - 2. Legal Department Monthly Reports 16
 - 3. Acceptance of Contributions to Pollution Recovery Fund 19
 - 4. Analysis of Gardinier Settlement Fund 20

5/0

II. CITIZEN'S ENVIRONMENTAL ADVISORY COMMITTEE

Items of Interest

III. SPECIAL PRESENTATIONS

- A. Air Quality Video
- B. Public Service Announcement - Video

IV. WATER MANAGEMENT DIVISION

Update - Hachem Properties

V. WASTE MANAGEMENT DIVISION

Quarterly Status Report on Superfund Sites

VI. CITIZEN'S WISHING TO APPEAR

Any person who might wish to appeal any decision made by the Environmental Protection Commission regarding any matter considered at the forthcoming public hearing or meeting is hereby advised that they will need a record of the proceedings, and for such purpose they may need to ensure that a verbatim record of the proceedings is made which will include the testimony and evidence upon which such appeal is to be based.

*NEXT MTG.
Round Table UPDATE*

21

25

**ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY
THURSDAY, AUGUST 15, 1996
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ADDENDUM

COMMISSIONER'S REQUEST

Discussion - Re: Executive Director's Evaluation (Comm. Berger)

Any person who might wish to appeal any decision made by the Environmental Protection Commission regarding any matter considered at the forthcoming public hearing or meeting is hereby advised that they will need a record of the proceedings, and for such purpose they may need to ensure that a verbatim record of the proceedings is made which will include the testimony and evidence upon which such appeal is to be based.

MONTHLY ACTIVITIES REPORT
AIR MANAGEMENT DIVISION
JULY

A.	Compliance Assistance Activities	
1.	Outreach Correspondence	<u>0</u>
2.	Workshops	<u>0</u>
B.	Public Outreach/Education Assistance:	<u>224</u>
C.	Industrial Air Pollution Permitting	
1.	Permit Applications Received (Counted by Number of Fees Received):	
a.	Operating:	<u>6</u>
b.	Construction:	<u>15</u>
c.	Amendments:	<u>1</u>
d.	Transfers/Extensions:	<u>1</u>
2.	Delegated Permits Issued by EPC and Non-delegated Permits Recommended to DEP for Approval (Counted by Number of Fees Collected):	
a.	Operating:	<u>14</u>
b.	Construction:	<u>7</u>
c.	Amendments:	<u>4</u>
d.	Transfers/Extensions:	<u>1</u>
3.	Intent to Deny Permit Issued	<u>0</u>
4.	General Permits	<u>1</u>
D.	Administrative Enforcement	
1.	Documents Issued:	
a.	Notice of Intent to Initiate Enforcement	<u>0</u>
b.	Citation	<u>0</u>
c.	Other _____	<u>0</u>
2.	Total Cases Initiated:	<u>0</u>
3.	Cases Resolved:	<u>4</u>
4.	Cases Referred to Legal Department:	<u>0</u>
5.	Consent Orders Signed:	<u>1</u>

6. Contributions to the Pollution Recovery Fund: \$ 100.00

<u>Organization Name</u>	<u>Violation</u>	<u>Amount</u>
a. Haliburton Motors	Mobile Source	\$100.00

E. Inspections:

1. Industrial Facilities:	<u>10</u>
2. Air Toxics Facilities:	
a. Asbestos Emitters	<u>0</u>
b. Area Sources (i.e. Drycleaners, Chrome Platers, etc...)	<u>47</u>
c. Major Sources	<u>0</u>
3. Asbestos Demolition/Renovation Projects:	<u>25</u>
4. Gasoline Retailers:	<u>11</u>
5. Auto Repair Facilities:	<u>33</u>
6. Retail Auto Dealers:	<u>0</u>
7. Automotive Parts Stores:	<u>0</u>
8. Fleet Operators:	<u>0</u>
9. CFC Facilities:	<u>33</u>
F. Open Burning Permits Issued:	<u>5</u>
G. Number of DOF Permits Monitored:	<u>179</u>
H. Total Citizen Complaints Received:	<u>59</u>
I. Total Citizen Complaints Investigated:	<u>63</u>
J. Noise Sources Monitored:	<u>4</u>
K. Air Program's Input to DRI's:	<u>0</u>
L. Test Reports Reviewed:	<u>0</u>
M. Compliance:	
1. Warning Notices Issued:	<u>14</u>
2. Warning Notices Resolved:	<u>7</u>
3. Advisory Letters Issued:	<u>10</u>

FEES COLLECTED FOR AIR MANAGEMENT DIVISION
JULY

	Total Revenue
1. Non-delegated construction permit for an air pollution source	
(a) New Source Review or Prevention of Significant Deterioration sources	\$ -0-
(b) all others	<u>\$ 400.00</u>
2. Non-delegated operation permit for an air pollution source	
(a) class B or smaller facility - 5 year permit	\$ -0-
(b) class A2 facility - 5 year permit	<u>\$ -0-</u>
(c) class A1 facility - 5 year permit	<u>\$ -0-</u>
3. (a) Delegated Construction Permit for air pollution source (20% of the amount collected is forwarded to the DEP and not included here)	<u>\$9,440.00</u>
(b) Delegated operation permit for an air pollution source (20% of the amount collected is forwarded to the DEP and not included here)	<u>\$4,600.00</u>
4. Non-delegated permit revision for an air pollution source	<u>\$ -0-</u>
5. Non-delegated permit transfer of ownership, name change or extension	<u>\$ -0-</u>
6. Notification for commercial demolition	
(a) for structure less than 50,000 sq ft	<u>\$1,615.00</u>
(b) for structure greater than 50,000 sq ft	<u>\$ 180.00</u>
7. Notification for asbestos abatement	
(a) renovation 160 to 1000 sq ft or 260 to 1000 linear feet of asbestos	<u>\$ 240.00</u>
(b) renovation greater than 1000 linear feet or 1000 sq ft	<u>\$ 825.00</u>
8. Open burning authorization	<u>\$1,775.00</u>
9. Enforcement Costs	<u>\$ -0-</u>

COMMISSION

DOTTIE BERGER
PHYLLIS BUSANSKY
JOE CHILLURA
CHRIS HART
JIM NORMAN
ED TURANCHIK
SANDRA WILSON

EXECUTIVE DIRECTOR

ROGER P. STEWART



ADMINISTRATIVE OFFICES, LEGAL &
WATER MANAGEMENT DIVISION
1900 - 9TH AVENUE
TAMPA, FLORIDA 33605
TELEPHONE (813) 272-5960
FAX (813) 272-5157

AIR MANAGEMENT DIVISION
TELEPHONE (813) 272-5530

WASTE MANAGEMENT DIVISION
TELEPHONE (813) 272-5788

WETLANDS MANAGEMENT DIVISION
TELEPHONE (813) 272-7104

MEMORANDUM

DATE: August 7, 1996

TO: Hooshang Boostani, Director, Waste Management

FROM: *MM* Mike Newman, Enforcement, Waste Management

SUBJECT: WASTE MANAGEMENT'S JULY AGENDA

The following is a summary of activities for the months of **July**, 1996. If you would like more information concerning any of these activities please let me know.

WASTE MANAGEMENT DIVISION

A. Administrative Enforcement

1.	New cases received	<u>3</u>
2.	Ongoing administrative cases	
a.	Pending	<u>24</u>
b.	Active	<u>30</u>
c.	Legal	<u>13</u>
d.	Tracking Compliance (Admin.)	<u>13</u>
e.	Inactive/Referred cases	<u>17</u>
f.	Criminal compliance tracking	<u>22</u>
3.	NOI's issued	<u>0</u>
4.	Citations issued	<u>3</u>
5.	Consent Orders signed	<u>1</u>
6.	Civil contrib. to the Pollution Rec. Fund	<u>\$800.00</u>
7.	Criminal contrib. to the Pollution Rec. Fund	<u>\$2,130.96</u>
8.	Enforcement costs collected	<u>\$76.54</u>
9.	Cases referred to legal	<u>0</u>
10.	Cases closed	<u>0</u>

B. Solid and Hazardous Waste

	Received/Reviewed
1. Permits	<u>0/0</u>
2. EPC Authorization For Facilities Not Requiring DEP Permit	<u>0/0</u>
3. SQG Surcharges Received	<u>\$</u>
4. Other permits and Reports	<u>80/66</u>
a. County Permits	<u>1/1</u>
b. *Other Reports	<u>79/65</u>
5. Inspections	<u>343</u>
a. Complaint	<u>112</u>
b. Compliance/reinspections	<u>56</u>
c. Facility Compliance	<u>20</u>
d. Small Quantity Generator	<u>155</u>
6. Enforcement	
a. Complaints Received/Closed	<u>62/91</u>
b. Warning Notice Issued/Closed	<u>6/3</u>
c. Compliance Letters	<u>51</u>
d. Letters of Agreement	<u>0</u>
e. DEP Referrals	<u>0</u>
7. Pamphlets, Rules and Material Distrib.	<u>411</u>

* Note, "other reports" includes: Lab analyses, CAPs/CARs, groundwater monitoring reports, MSDSs report reviews, etc.

C. Underground Storage Tank - Cleanup Department

1. Inspections:	<u>5</u>
a. Investigation	<u>5</u>
b. SUPER Act	<u>0</u>
2. Reports Received/Reviewed	<u>40/11</u>
a. Contamination Assessment (CARs)	<u>7/3</u>
b. Initial Remedial Action (IRA)	<u>4/0</u>
c. Remedial Action Plans (RAPs)	<u>2/0</u>
d. Site Rehabilitation Completion (SRCs)	<u>0/0</u>
e. Others	<u>27/8</u>

**July Agenda Backup
Waste Management Div.
Page 3**

3.	Reimbursement Applications	
a.	Received	<u>24</u>
b.	Reviewed	<u>48</u>
4.	State Cleanup Site Activities	
a.	Active Sites	<u>12</u>
b.	Funds Disbursed	<u>≈\$300,000</u>

D. Underground Storage Tank Compliance Department

1.	Inspections	<u>194</u>
a.	UST Compliance	<u>78</u>
b.	AST Compliance	<u>45</u>
c.	UST Installation	<u>2</u>
d.	AST Installation	<u>9</u>
e.	UST Closure	<u>15</u>
f.	AST Closure	<u>3</u>
g.	*Other Inspections	<u>42</u>

* Note, "others inspections" include: non-compliance reinspections, additional installation visits, and unregulated site inspections.

2	Installation Plans Reviewed	<u>7</u>
a.	USTs	<u>3</u>
b.	ASTs	<u>4</u>
3.	Closure Plans & Reports Received/Reviewed	<u>4/ 3</u>
a	Closure Plans Received/Reviewed	<u>3/ 3</u>
b	Closure Reports Received/Reviewed	<u>1/ 0</u>
4.	Enforcement	
a.	Noncompliance Letters	<u>23</u>
b.	Warning Notices	<u>12</u>
c.	Cases referred for Enforcement	<u>2</u>
d.	Complaints received/investigated	<u>0/0</u>
e.	Complaints referred	<u>0</u>
f.	Cases Referred to DEP	<u>0</u>
5.	FPLIRP Checklists Completed	<u>22</u>
6.	Cleanup Notification Letters Issued	<u>8</u>
7.	Public Assistance	<u>440+</u>

E. Record Reviews 56

F. Public Information Projects 0

**ACTIVITIES REPORT
WATER MANAGEMENT DIVISION**

JULY, 1996

A. ENFORCEMENT

1. New Enforcement Cases Received:	<u>1</u>
2. Enforcement Cases Closed:	<u>3</u>
3. Enforcement Cases Outstanding:	<u>35</u>
4. Enforcement Documents Issued:	<u>0</u>
5. Warning Notices:	<u>32</u>
a. Issued:	<u>14</u>
b. Resolved:	<u>18</u>
6. Recovered costs to the General Fund:	\$ <u>994.97</u>
7. Contributions to the Pollution Recovery Fund	\$ <u>0</u>

B. PERMITTING - DOMESTIC

1. State Permit Applications Received:	<u>24</u>
a. Facility Permit:	<u>9</u>
(i) Types I and II	<u>2</u>
(ii) Type III	<u>7</u>
b. Collection Systems-General:	<u>7</u>
c. Collection Systems-Dry Line/Wet Line:	<u>8</u>
d. Residuals Disposal:	<u>0</u>
2. State Permit Applications Approved:	<u>13</u>
a. Facility Permit:	<u>0</u>
b. Collection Systems-General:	<u>7</u>
c. Collection Systems-Dry Line/Wet Line:	<u>6</u>
d. Residuals Disposal:	<u>0</u>
3. State Permit Applications Recommended for Disapproval:	<u>0</u>
a. Facility Permit:	<u>0</u>
b. Collection Systems-General:	<u>0</u>
c. Collection Systems-Dry Line/Wet Line:	<u>0</u>
d. Residuals Disposal:	<u>0</u>
4. State Permit Applications (Non-Delegated) Recommended for Approval:	<u>0</u>
5. State Permits Withdrawn	<u>2</u>

6. State Permit Applications Outstanding:	<u>113</u>
a. Facility Permit:	<u>98</u>
b. Collection Systems-General:	<u>10</u>
c. Collection Systems-Dry Line/Wet Line:	<u>5</u>
d. Residuals Disposal:	<u>0</u>
C. INSPECTIONS - DOMESTIC	<u>70</u>
1. Compliance Evaluation:	<u>7</u>
a. Inspection (CEI):	<u>2</u>
b. Sampling inspection (CSI):	<u>5</u>
c. Toxics Sampling Inspection (XSI):	<u>0</u>
d. Performance Audit Inspection (PAI):	<u>0</u>
2. Reconnaissance:	<u>30</u>
a. Inspection (RI):	<u>28</u>
b. Sample Inspection (SRI):	<u>0</u>
c. Complaint Inspection (CRI):	<u>1</u>
d. Enforcement Inspection (ERI):	<u>1</u>
3. Special:	<u>33</u>
a. Diagnostic Inspection (DI):	<u>0</u>
b. Residual Site Inspection (RSI):	<u>0</u>
c. Preconstruction Inspection (PCI):	<u>13</u>
d. Post Construction Inspection (XCI):	<u>20</u>
D. PERMITTING - INDUSTRIAL	
1. State Permit Applications Received:	<u>1</u>
a. Facility Permit:	<u>0</u>
(i) Types I and II	<u>0</u>
(ii) Type III with groundwater monitoring	<u>0</u>
(iii) Type III w/o groundwater monitoring	<u>0</u>
b. General Permit:	<u>0</u>
c. Preliminary Design Report:	<u>1</u>
(i) Types I and II	<u>0</u>
(ii) Type III with groundwater monitoring	<u>0</u>
(iii) Type III w/o groundwater monitoring	<u>1</u>
2. Permits Recommended to DEP for Approval:	<u>4</u>
3. State Permit Applications Outstanding:	<u>23</u>
a. Facility Permits:	<u>23</u>
b. General Permits:	<u>0</u>

E. INSPECTIONS - INDUSTRIAL

1. Compliance Evaluation:	<u>6</u>
a. Inspection (CEI):	<u>6</u>
b. Sampling Inspection (CSI):	<u>0</u>
c. Toxics Sampling Inspection (XSI):	<u>0</u>
d. Performance Audit Inspection (PAI):	<u>0</u>
2. Reconnaissance:	<u>41</u>
a. Inspection (RI):	<u>21</u>
b. Sample inspection (SRI):	<u>4</u>
c. Complaint Inspection (CRI):	<u>16</u>

F. CITIZEN COMPLAINTS

1. Domestic:	<u>22</u>
a. Received:	<u>11</u>
b. Closed:	<u>11</u>
2. Industrial:	<u>18</u>
a. Received:	<u>9</u>
b. Closed:	<u>9</u>
3. Water Pollution:	<u>8</u>
a. Received:	<u>4</u>
b. Closed:	<u>4</u>

G. RECORD REVIEWS

1. Permitting:	<u>6</u>
2. Enforcement:	<u>1</u>

H. ENVIRONMENTAL SAMPLES ANALYSED FOR:

1. Air Division:	<u>109</u>
2. Waste Division:	<u>4</u>
3. Water Division:	<u>139</u>
4. Wetlands Division:	<u>2</u>

I. SPECIAL PROJECT REVIEWS

1. DRI's:	<u>2</u>
2. Permitting:	<u>1</u>
3. Enforcement:	<u>0</u>
4. Other:	<u>0</u>

J. WATER QUALITY MONITORING SPECIAL PROJECTS

1. Data Review	<u>0</u>
2. Special Sampling	<u>0</u>
3. Biomonitoring/Toxicity Reviews (DW)	<u>2</u>
4. Biomonitoring/Toxicity Reviews (IW)	<u>1</u>
5. Other	<u>0</u>

K. TAMPA PORT AUTHORITY/DEP DREDGE & FILL 27

AR07.96

WETLANDS MANAGEMENT DIVISION
 EPC BOARD AGENDA BACKUP
 JULY, 1996

ASSESSMENT SECTION

A. EPC Wetlands Reviews	<u>Initial</u>	
1. Wetland Delineations (\$100)	<u>49</u>	
- FDEL Dispute	<u>0</u>	
2. Wetland Line Survey Reviews	<u>22</u>	
3. Additional Footage Fees		<u>\$2,287.18</u>
4. Misc. Activities in Wetlands (\$0, \$50 or \$80 as applicable)		
- Nuisance Vegetation	<u>1</u>	
- Other	<u>12</u>	
5. Impact Justification & Mitigation Proposal (\$645)	<u>10</u>	
6. Mitigation Agreements Recorded	<u>2</u>	
7. Mitigation As-Built Survey Review	<u>10</u>	
8. FDOT Reviews	<u>0</u>	
B. EPC Delegation/Reviews from State, Regional, or Federal Authorities		
1. Wastewater Treatment Plants (DEP)	<u>24</u>	
2. Tampa Port Authority Permit Apps. (\$50 or \$150 as applicable)	<u>11</u>	
3. FDEP/SWFWMD Wetland Resource Apps.	<u>1/0</u>	
4. FDEP Grandfathered Delineation	<u>0</u>	
5. Army Corps of Engineers	<u>6</u>	
6. Interagency Clearinghouse Reviews	<u>0</u>	
7. Development of Regional Impact	<u>0</u>	
8. SCS Review	<u>0</u>	

C. Hillsborough County Permit Application Reviews

1.	Land Alteration Landscaping (SFD)	<u>1</u>
2.	Land Alteration Landscaping (O)	<u>1</u>
3.	Land Excavation (\$785 or \$650 as applicable)	<u>1</u>
4.	Phosphate Mining	
	a. Unit Review/Reclamation	<u>0</u>
	b. Annual Review/Inspection	<u>0</u>
5.	Rezoning	
	a. Reviews (\$70)	<u>27</u>
	b. Hearings	<u>0</u>
	c. Hearing Prep (hours)	<u>0</u>
6.	Site Development/Commercial (\$300)	
	a. Preliminary	<u>7</u>
	b. Construction	<u>11</u>
7.	Subdivision	
	a. Preliminary Plat (\$140)	<u>6</u>
	b. Master Plan (\$550)	<u>0</u>
	c. Construction Plans (\$250)	<u>5</u>
	d. Final Plat (\$90)	<u>7</u>
	e. Waiver of Regulations (\$100)	<u>0</u>
	f. Minor--Survey Subd. (\$100)	<u>3</u>
	g. Minor--Certified Parcel (\$100)	<u>3</u>
8.	Miscellaneous Reviews (no fees)	
	a. LAL Variance/ Setback Encroachment	<u>2</u>
	b. Easement Vacating	<u>1</u>
	c. Subdiv./Easement Access	<u>0</u>
9.	Preapplications (no fees)	
	a. Review preparation (hours)	<u>15.25</u>
	b. Meetings/Reports	<u>1</u>

9.	Development Review Committee (no fees)	
	a. Review preparation (hours)	<u>1.5</u>
	b. Meetings	<u>0</u>

D. Other Activities

1.	Unscheduled meetings with members of the public (walk-ins)	<u>99</u>
2.	Other Meetings	<u>93</u>
3.	Telephone conferences	<u>928</u>
4.	Presentation	<u>2</u>
5.	Correspondence	<u>225</u>
6.	Correspondence Review (hours)	<u>15.37</u>
7.	Special Projects (hrs.)	<u>93.25</u>
8.	On-site visits	<u>59</u>
9.	Appeals	<u>0</u>

INVESTIGATIONS/COMPLIANCE SECTION

A. Complaints

1.	Received	<u>31</u>
2.	Inspected	<u>63</u>
3.	Closed	<u>57</u>

B. Warning Notices

1		
1.	Issued	<u>7</u>
2.	Return Inspections	<u>55</u>
3.	Closed	<u>13</u>

C. Mitigation

1.	Compliance/Monitoring Reviews	<u>21</u>
2.	Compliance Inspections	<u>30</u>

D. Other Activities

1.	Case Meetings	<u>9</u>
2.	Other Meetings	<u>41</u>
3.	Telephone conferences	<u>403</u>
4.	File Reviews	<u>68</u>
5.	Cases Referred to Enforcement Coordinator	<u>0</u>
6.	Letters	<u>40</u>

ADMINISTRATIVE ENFORCEMENT/ENFORCEMENT COORDINATOR

A. New Cases Received	<u>1</u>
B. Activities	
1. Ongoing Cases	
a. Active	<u>28</u>
b. Legal	<u>3</u>
c. Tracking	<u>24</u>
2. Number of "Notice of Intent to Initiate Enforcement" Issued	<u>2</u>
3. Number of Citations Issued	<u>0</u>
4. Number of "Emergency Order of the Director" Issued	<u>0</u>
5. Number of Consent Orders Signed	<u>2</u>
C. Cases Closed	
1. Administrative/Civil Cases Closed	<u>1</u>
2. Criminal Cases Closed	<u>0</u>
3. Cases Referred to Legal Dept.	<u>0</u>
D. Contributions to Pollution Recovery Fund	<u>\$250.00</u>
E. Enforcement Costs Collected	<u>\$201.52</u>

OTHER SECTIONS

A. Engineer/Hydrologist Staff

1. Meetings	<u>26</u>
2. Reviews	<u>25</u>
3. Aerials Reviews	<u>11</u>
4. Telephone Calls (Aerials)	<u>47</u>

B. Soil Scientist

1. Case Reviews	<u>10</u>
2. Field Soil Investigation	<u>10</u>
3. Soil Investigation Notes/Reports	<u>10</u>
4. Meetings (outside EPC)	<u>0</u>
5. Special Projects	
(1) Hydric Soil Study	
(2) Division SOP Writing	

C. Administrative Support Staff

1. Public Record/File Reviews	<u>5</u>
2. Unscheduled Reviews	<u>1</u>
3. Telephone Assistance	<u>1,741</u>
4. Incoming Projects/Information	<u>93/23</u>
5. Additional Information logged	<u>89</u>

LEGAL DEPARTMENT MONTHLY REPORT
August 7, 1996

A. ADMINISTRATIVE APPEALS

NEW CASES [0]

EXISTING CASES [7]

Marks: Appealed EPC Citation for wetland destruction; settlement negotiations reached impasse. Authority to take appropriate legal action granted in 1995 (See Marks - litigation cases).

Truck Parts of Tampa: EPC cited the owner, California Property, Inc. and lessee Truck Parts, Inc., for violations including the discharge of acid and hydraulic fluid, and the accumulation of solid waste. The owner of the property appealed the Citation and asserted that he is unable to gain access to the property. The lessee did not appeal. Authority to take appropriate legal action granted in 1995 (See Truck Parts - litigation cases).

EPC v. DEP: (Florida Power & Light, Orimulsion conversion project.) EPC requested an administrative hearing, objecting to DEP's proposed permit upon Florida Power & Light's failure to provide the required assurances that environmental regulations would be met. EPC's Executive Director entered a stipulation with FP&L by which EPC objections to the permitting be withdrawn if certain conditions were added to the permit. The Hearing Officer recommended that the conversion project be permitted subject to conditions, including those agreed to in our stipulation. The Governor and Cabinet, sitting as the Power Plant Siting Board entered an order denying the power plant certification. FP&L appealed and DEP Secretary Wetherall is withholding her decision as to the separate PSD (air) permit pending the outcome of FP&L's appeal of the certification denial.

FIBA/Bridge Realty: EPC issued a Citation to the owner, Bridge Realty, and former tenant, FIBA Corp., for various unlawful waste management practices, and ordered that a contamination assessment be conducted, that a report be submitted and contaminated material appropriately handled. Bridge Realty and FIBA appealed. Bridge Realty initiated an assessment, and the report is being reviewed.

Tampa Scrap Processors, Inc.: Appealed EPC Citation for violations relating to the management of solid waste, used oil and hazardous waste. Respondent agreed to proceed with development of an Preliminary Contamination Assessment Plan (PCAP) and implement that plan after EPC staff review and approval. Respondent is reviewing a draft Consent Order.

Central Florida Pipeline Corp.: Appealed EPC Citation for excessive turbidity, inadequate erosion controls during the installation of a pipeline within wetlands near the Alafia River, and wetland impacts outside of the areas authorized. Violations have ceased and a majority of the initial restoration activities have been completed. Respondent is reviewing a draft Consent Order which includes payment of penalties and reimbursement of costs.

Metro Recycling & Disposal, Inc. Et al.: Appeal of an EPC citation for operating a Materials Recovery Facility without the proper permits. We have received DEP's confirmation as to the proper application of their rules, and Respondent has agreed to submit a completed application for the required permit prior to mid-August.

CASES RESOLVED [0]

B. LITIGATION CASES

NEW CASES [0]

EXISTING CASES [15]

Hughes Hard Chrome, Inc.: Authority granted in 1993 regarding water violations. The company, which signed a Consent Order is out of business on the affected site, but does still exist in the county. Staff is pursuing use of Pollution Recovery Funds to conduct a Preliminary Contamination Assessment, which will cost about \$5,000.

Holley, Raymond, et al: Suit filed against owners for improperly abandoning Underground Storage Tank and to compel proper closure, assessment of contamination, remediation, civil penalties and costs. Default entered; Defendants filed bankruptcy. Property has been auctioned to a third party purchaser who has not yet followed through with the purchase, and is waiting on results of his investigation as to the condition of the site.

Marks: Authority granted to take appropriate legal action for restoration of wetlands disturbed by the Mark's activities, penalties and costs. Discovery in process.

Balm Grocery: Received authority on 3/95 to proceed against owners/operators for improperly abandoning underground storage tanks, and for operational problems with 3 active tank systems. The abandoned tanks appear to be on County property.

Eastwood Estates Mobile Home Park: Complaint and Motion for Temporary Injunction filed to compel proper wastewater permitting, operation and treatment, and effluent disposal, to recover penalties and enforcement costs. Awaiting answer.

Baity v. BOCC/EPC: Passenger sued both the BOCC and EPC for injuries in car accident (case filed by driver has been settled). The County Attorney's Office is representing both defendants. Mediation is scheduled for September 23.

Causeway Station: Authority granted 10/95, to compel upgrades or closure of underground storage tanks (UST), to enforce the applicable operating requirements, and to recover penalties and EPC's enforcement costs. Staff has been working with property owner to remedy violations. Removal of the five previously existing UST's has been completed. We are awaiting the required closure assessment.

Moore Properties of Tampa, Inc.: Filed suit to compel proper closure and removal of abandoned underground storage tanks, recover penalties and EPC's enforcement costs. Default was entered and Final Judgment is being prepared.

Truck Parts of Tampa: Suit filed against multiple defendants to abate pollution and obtain soil and groundwater assessment, soil and waste tire cleanup, proper disposal, proper management of incoming waste products, costs, and applicable penalties. Two of three defendants have been served.

Dibbs v. EPC: Dibbs filed a Declaratory Judgment action seeking a declaration that EPC's wetland rule is unconstitutional. EPC moved to dismiss the complaint. The Court granted Dibbs' Motion, supported by the County, to consolidate this case with Dibbs' 1991 suit against Hillsborough County.

GATX Terminals Corp.: Authority granted 4/96 to compel compliance with standards of the EPC and DEP pertaining to construction and operation of two above ground storage tanks. Negotiations continue. Proposed Consent Order has been provided to and is currently being reviewed by GATX.

Billings Amoco: Authority granted 4/96 to compel compliance with underground storage tank rules. The facility does not appear to have the required release detection nor has the cathodic protection system been adequately tested. The UST system has now been taken out of service and a settlement agreement is being reviewed to resolve the remaining issues.

Optimum Petroleum v. Emad Qasem, EPC, et.al: In pursuing the foreclosure of a construction lien, Plaintiff named EPC as a Defendant because of our recorded judgment and injunction regarding an UST on the site. EPC has responded to the Complaint.

Slusmeyer: Slusmeyer has failed to comply with a prior judgment and injunction pertaining to proper closure of underground storage tanks. Discovery as to assets has been initiated so that injunctive relief might be pursued.

Nix v. EPC: An employee released because of budget cuts filed suit against the agency and individuals within the agency alleging, under the Whistle-blowers Act, that her discharge was retaliatory. EPC filed a Motion to Dismiss.

RESOLVED CASES [3]

Carey: Authority granted in 1993 to enforce wetland maintenance pursuant to mitigation agreement. Following discovery and review of remaining environmental concerns, this matter was closed since the nominal environmental benefit to be obtained does not justify the cost of litigation.

Johnson v. EPC: Driver sued both the BOCC and EPC for injuries in a car accident. The County Attorney's Office represented both defendants. Following mediation, a settlement was proposed, and accepted by the EPC on July 19.

Lewis v. EPC, et al: Mortgage foreclosure was filed naming EPC as a defendant because of a recorded conservation easement. EPC answered requesting a dismissal, and the Court has dismissed Plaintiff's claim against EPC.

(agenda\august.96)

COMMISSION

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SANDRA WILSON

EXECUTIVE DIRECTOR

ROGER P. STEWART



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TELEPHONE (813) 272-7104

August 08, 1996

ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY
POLLUTION RECOVERY TRUST FUND

Fund Balance August 08, 1996 \$758,719.00

Encumbrances Against Fund Balance:

Cypress Head Swamp	16,747.00
Carmichael Dump	30,000.00
Wetland Surveys	1,771.00
Lake Chapman Sea.	2,000.00
Seagrass Study/Sheriff	22,876.00
HCC/USF	37,165.00
Public Ed.	- 0 -
Art. Reef FY96	96,802.00
Art. Reef FY97	55,369.00
Nature's Class.	459.00
Clayton Lake	129,000.00
Mosi Restoration	55,500.00
Oakview Utilities	75,000.00

Total of Encumbrances 522,030.00

Fund Balance Available August 08, 1996 \$236,030.00

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ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY
ANALYSIS OF GARDINIER SETTLEMENT TRUST FUND
AS OF AUGUST 08, 1996

Fund Balance as of 10/01/95	\$1,317,447.00
Interest Accrued FY96	61,235.00
Disbursements FY96	(35,611.00)
	<hr/>
Fund Balance	\$1,378,682.00

Encumbrances Against Fund Balance:

Alafia River, Add. (SWIM/DEP)	9,566.00
McKay Bay Restoration (COT)	50,000.00
Cockroach Bay Exotic Con. (HCC)	8,618.00
Delany Creek Enhance. (H.C. Stormwater)	150,000.00
Hillsborough School /Nurserys	27,307.00
Alafia River/Wolf Branch	300,000.00
Ballast Point Seawall Phase II	25,000.00
Audubon Society Riverview CC	50,000.00

Total of Encumbrances	<hr/>	620,491.00
-----------------------	-------	------------

Fund Balance Available August 08, 1996	\$ 758,191.00
--	---------------

Hachem - Riverlawn MHP Chronology

- October, 1994 EPC Riverlawn MHP (Water Division) file begins with complaint from Mr. Blanton, prior owner of adjacent property. Inspections revealed insufficient freeboard, leaching and unpermitted discharges from the percolation pond to the Alafia River. Several notices issued.
- December, 1994 New manager and environmental consultant implemented some corrections
-
- February 1995 MHP agreed to pump and haul effluent to ensure freeboard, and to clean out accumulated solids from the percolation ponds
- June 1995 Case forwarded to administrative enforcement. Ponds finally cleaned out.
- Sept 15, 1995 Inspection again indicated insufficient freeboard. Notice of Intent to Initiate Enforcement issued. Hachems indicated they had pumped and hauled some effluent.
- Sept 20, 1995 Hachem letter to Commissioner Berger seeking intervention with EPC.
- Sept 26, 1995 County Road Department memo regarding flooding on Stoner Road and placing correction of the culvert on the unfunded infrastructure list
- Sept 28, 1995 Meeting with Hachems where wall to prevent stormwater intrusion was discussed.
- Nov 29, 1995 Letter informing EPC that wall construction was complete
- Dec 14, 1995 Inspection of facility indicated that effluent sampling parameters were acceptable, required records were not available for inspection, and that chlorine contact chamber needed cleaning
-
- Jan 17, 1996 Meeting with Hachem, County and EPC Wetland staff. Problems identified as: drain under Stoner Road is non-functional; roadside piping historically installed over filled area causing backup; backup causing additional percolation problems for WWTP. No wetland problems identified to proposed corrections. Discussion with EPC Water division regarding concern that increase flow in ditch would increase lateral water flow from the perc pond
- Jan 24, 1996 Meeting with Hachem. Told that County Road Department had indicated that lowering ditch level would result in stormwater running onto Hachem property. Hachem request for additional time to meet the percolation pond freeboard requirement was approved

Feb 6, 1996 Letter to Hachem documenting telephone conversation following Jan 24 meeting: resolution appeared to be to eliminate the small elevation in the N/S roadside ditch to allow drainage to flow south in to an E/W ditch to Alafia River. EPC approves, including hand removal of some vegetation in E/W ditch. Water quality data is required from a certified lab consistent with specified methods.

Feb 22, 1996 Receipt of County application to Perform Miscellaneous Activities in Wetlands and construction plans to clean outfall ditch and culvert from Stoner Road to Alafia River. The ditch had allegedly been illegally filled by previous owner, causing flooding.

March 2, 1996 Submission of lab results from water sampling done on February 26

March 13, 1996 EPC recommendation of approval of County application conditioned upon hand removal and erosion controls and water sampling post-construction to ensure WWTP leaching does not occur into surface waters.

March 25, 1996 Hachem meeting with Pasco Commissioner Collins, Commissioner Berger's Aide, and County. A permanent solution is needed. EPC again approved an extension of the 3-6" of freeboard.

March 28, 1996 Letter from Hachem informing that the County will re-engineer Stoner Road drainage, and also proposing that the pond berms be vertically raised. It is consultant's opinion that the flooding is caused by improper design and/or maintenance of surface water drainage system in Stoner Woods subdivision.

April 4, 1996 Inspection following complaint indicated that pond level was above the block berm and effluent was ponding between the berm and the wall and outside the wall, and flowing to adjacent property. Warning Notice issued.

April 5, 1996 Response to Warning Notice that a great deal of money and effort has been spent in trying to resolve problems.

April 8, 1996 Technical review of consultant's proposal to extend berm: proposal (not on appropriate application form) does not provide reasonable assurance of compliance with state standards; surface seepage of effluent would require NPDES permit; construction and emergency discharge design questions.

April 10, 1996 Letter from Roger Stewart responding to proposal, reciting enforcement history and efforts to find permanent solution, and proposing a Consent Order that would not include any penalties, but which would address reimbursement of EPC's enforcement costs.

April 17, 1996	Review of Monthly Operating Report indicates that the fecal coliform test of effluent on Feb 8 exceeded the maximum standard, but that the test on Feb 13 was in compliance
April 18, 1996	E-mail from County regarding new owner of ditch will not allow County to clean ditch. County asks EPC to initiate enforcement.
April 23, 1996	Request from County that EPC review old ditch filling complaint.
April 29, 1996	Hachem's consultant's response to coliform problem and proposed solution.
May 2, 1996	Meeting with Hachem to discuss permitting requirements
May 9, 1996	Inspection revealed that inspection of old complaint which concluded ditch was not jurisdictional had viewed a ditch with a 10 cubic yard plug of fill and no vegetation. Plug was placed to stop illegal pumping of water from adjacent WWMD. PDMD had owner remove fill and restore to original configuration. Inspection revealed no current violation of Wetland Rule. New owner Thornton indicated that he changed his mind about the County's current proposal because trees might be damaged.
May 15, 1996	County staff E-mail response that inspection conclusions are wrong, that ditch is blocked by the ditch bottom. Response indicates that outfall pipes had been lowered and that ditch follows a natural accretion process at pipe outfalls.
May 15, 1996	Inquiry from Commissioner Berger's office. EPC notes that in order to grant permission, Thornton would require a tax reduction (with which we can assist) and release of liability if trees fall down.
May 16, 1996	County reply questions the conclusion that outfall pipe had been lowered since the project is on hold. The outfall is alleged to be 2 feet higher than the upstream.
May 17, 1996	Received letter from Mr Hachem requesting assistance in initiating enforcement since Thornton has changed his mind
May 24, 1996	Letter from Roger Stewart to Hachem approving permit modification to raise the pond berms, and to install inlet baffles in chlorine contact tank.
May 28, 1996	Meeting at Commissioner Berger's office. County to proceed with condemnation
June 11, 1996	Letter to Hachem transmitting draft Consent Order.
June 18, 1996	Staff called Hachem to update status regarding release, but that County was

pursuing condemnation

- June 20, 1996 Update letter from RPS to Hachem: summarizing history; discussions with Thornton regarding release of liability for falling trees, and a decrease of taxes for stormwater right-of-way; and County intention of pursuing condemnation. Re-offering EPC assistance with tax reduction.
- June 21, 1996 Letter from Hachem regarding a telephone call on the 19th and again requesting a meeting regarding the Consent Order.
- June 28, 1996 Letter from Hachem correcting impression and affirming that Commissioner Berger was not present at March 25th meeting.
- July 11, 1996 Roger Stewart meeting with Hachem regarding Consent Order
- July 17, 1996 Conference call between EPC and Hachem discussing settlement alternatives and meeting next day before EPC. Staff granted request to delay the semi-annual inspection until Mr Hachem could return and to make prior appointment
- July 22, 1996 EPC received July 20 letter from Hachem indicating an understanding that EPC would notify them prior to any inspection.
- July 23, 1996 EPC received copy of the engineer's Certificate of Completion of Construction.
- July 24, 1996 EPC letter in response advising that our delegation agreement requires us to make unannounced inspections, but that we would give notice for the upcoming semi-annual inspection. Staff attempted inspection to verify Certificate of Completion of Construction (CCC); turned away by Hachem direction to facility manager
- July 25, 1996 Letter on behalf of Hachem clarifying understanding and requesting inspection on Monday July 29, at which time the CCC can also be verified.
- July 26, 1996 Letter from Hachem further explaining July 25th letter and asking to coordinate time for inspection since the 29th was not possible.
- July 30, 1996 Letter from EPC confirming that semi-annual inspection will be prearranged for week of August 5th.

[i:\cases\hachem.doc]

COMMISSION

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MEMORANDUM

DATE: July 30, 1996

TO: EPC of Hillsborough County Board Members

FROM: Roger Stewart, Executive Director, EPC

**SUBJECT: QUARTERLY STATUS REPORT ON HILLSBOROUGH COUNTY
SUPERFUND SITES**

This memorandum serves as the quarterly status report on Superfund sites in Hillsborough County. The previous quarterly status memorandum was submitted to you on April 30, 1996.

Schuylkill Metals Corporation Site

As of July 11, 1996, the Potential Responsible Party (PRP) had treated 195,000 cubic yards of an estimated total of 211,000 cubic yards of contaminated soil. Treated water from the on-site pre-treatment facility is being sent to the City of Plant City's publicly-owned treatment works (POTW).

Sydney Mine Sludge Pond Site

It has been agreed that remedial actions for the surficial aquifer can stop. The USEPA will be conducting a five year review of these remedial actions. Remediation of contaminated groundwater from the intermediate aquifer will continue.

62nd Street Dump Site

The remedial action is complete. The USEPA has accepted the Remedial Action report. The site is going through the de-listing process for the USEPA to take it off the National Priorities List (NPL). The USEPA is waiting for a letter from the State of Florida for the State's consent to de-list the site from the NPL. Groundwater monitoring is being performed yearly for five years. After five years, the USEPA will assess the effectiveness of the remedial action.

Page 2
July 30, 1996
Board Members

Helena Chemical Company Site

On May 7, 1996, the USEPA approved the Record of Decision (ROD). The USEPA is negotiating the Remedial Design/Remedial Action with the Potential Responsible Parties (PRP's). The USEPA expects a "good faith" offer from the PRP's by mid-September 1996.

Taylor Road Landfill Site

The USEPA has issued a special notice letter to the de minimis Potential Responsible Parties (PRP's). There is a sixty day moratorium, which expires at the end of August 1996, for the de minimis PRP's to respond with a "good faith" offer to the USEPA.

Reeves Southeastern Corporation Site

The USEPA Remedial Project Manager (RPM) was unavailable to provide a status update to the EPC. As was previously reported, the USEPA has signed the Consent Decree to undertake the Remedial Design/Remedial Action for the three operable units. Remedial Action (RA) for operable unit OU1 (i.e., the contamination source) is reportedly occurring this summer until October 1996. The USEPA is reviewing a work plan for groundwater remediation and wetlands monitoring of the other operable units.

Kassouf-Kimerling Site

The USEPA is coordinating with the Southwest Florida Water Management District's (SWFWMD) SWIM program in order for the Potential Responsible Parties (PRP's) to satisfy the wetland mitigation aspect of the remedial actions. The project being considered is the City of Oldsmar's Mobbly Bay project.

Bay Drums/Peak Oil Sites

The USEPA Remedial Project Manager (RPM) was unavailable to provide a status update to the EPC. As was previously reported, the USEPA was reviewing submitted work plans for all of the operable units.

Page 3
July 30, 1996
Board Members

Stauffer Chemical Company Site

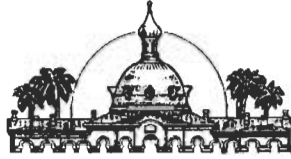
The Potential Responsible Parties (PRP's) have submitted a work plan for the Remedial Design (RD). The USEPA states that the Remedial Design (RD) should be completed by June 1997.

RPS/TR

xc: Paul Schipfer, EPC Waste Management Division
Chuck Heintz, EPC Waste Management Division

BOARD OF COUNTY COMMISSIONERS

logged 8/1/96
Assigned to Admin.



Hillsborough County
Florida

REC'D

AUG 01 1996

ENV. PROT. COMM.
OF H.C.

P.O. Box 1110
Tampa, Florida 33601
(813) 272-5660

Daniel A. Kleman, County Administrator

Chairman
Jim Norman, District 2

Vice Chairman
Dottie Berger, District 4

Ed Turanchik, District 1
Sandra Helen Wilson, District 3
Chris Hart, District 5
Phyllis Busansky, District 6
Joe Chillura, District 7

MEMORANDUM

DATE: July 31, 1996

TO: Roger Stewart, Director, Environmental Protection Commission

FROM: Commissioner Dottie Berger, Vice Chairman *DB*

SUBJECT: AUGUST 15, 1996 EPC MEETING

Roger:

As per board discussion during our last EPC meeting, EPC staff and county staff were meet in an effort to resolve the issue pertaining to the Riverlawn Mobile Home Park. The issue was then to be scheduled for discussion during our August 15, 1996 EPC meeting. Please ensure that this item is on the agenda and that time is allocated for Mrs. Hachem to address the board.

Thank you for your assistance in this matter. Please call if you have any questions.

/cmp

0731.1

8/1
Tom -
I guess this has
to go on the
agenda again -
Please coordinate
w/ Chris.
-LLC

**ENVIRONMENTAL PROTECTION COMMISSION
OF HILLSBOROUGH COUNTY
THURSDAY, AUGUST 15, 1996
COMMISSIONERS BOARD ROOM
10 AM - 12 NOON**

SECOND ADDENDUM

EXECUTIVE DIRECTOR

Authorize Executive Director to Execute Contract with TBRPC

1A

Any person who might wish to appeal any decision made by the Environmental Protection Commission regarding any matter considered at the forthcoming public hearing or meeting is hereby advised that they will need a record of the proceedings, and for such purpose they should be advised that the cost of the proceedings is based on the amount of the proceedings is based on such appeal is to be based.

OK
/

AGREEMENT Between The
Environmental Protection Commission of Hillsborough County
and the
Tampa Bay Regional Planning Council

This agreement is entered into the _____ day of August, 1996, by and between the Environmental Protection Commission of Hillsborough County (EPCHC) and the Tampa Bay Regional Planning Council (TBRPC) on behalf of the Tampa Bay National Estuary Program (TBNEP).

The scope of work mutually agreed upon is as follows:

The Environmental Protection Commission of Hillsborough County will conduct intensive site sampling at the Gandy Causeway Site for the atmospheric deposition study being funded by the Great Waters Program through the Tampa Bay National Estuary Program. EPCHC will operate the NADP/AIRMON station as outlined in the attached monitoring schedule and protocol.

Sampling will begin August 1996 and should be completed no later than August 31, 1997.

For satisfactory performance the TBRPC agree to compensate the EPCHC the fixed price of \$7,500.00. Payment from the TBRPC shall be made in four equal payments of \$1,875.00. The first payment shall be due on or before September 30, 1996 and subsequent payments on or before December 31, 1996, March 31, 1997 and June 30, 1997. Payments shall be made to: "Environmental Protection Commission of Hillsborough County, Attention: Administration Dept." at 1900 9th Ave, Tampa, Florida 33605. For all matters pertaining to the payment of compensation Jessica White shall be TBRPC's contact person, other matters shall be directed to the Project Managers identified herein for appropriate action and disposition.

In the event the contract is terminated for any reason prior to completion, EPCHC shall be compensated for the work completed at the time of termination and for irrevocable commitments made.

Protect Manager for EPCHC:
Tom Tamanini
EPCHC
1900 Ninth Avenue
Tampa, Florida 33605
(813) 272-5530

Project Manager for TBNEP:
Holly Greening
TBNEP
111-Seventh Avenue South
St. Petersburg, Florida 33701
(813) 893-2765

ENVIRONMENTAL PROTECTION
COMMISSION of Hillsborough County

TAMPA BAY REGIONAL PLANNING
COUNCIL

By: _____

By: _____

(Print Name)

(Print Name)

(NEP.AGR)

COMMISSION

DOTTIE BERGER
PHYLLIS BUSANSKY
JOE CHILLURA
CHRIS HART
JIM NORMAN
ED TURANCHIK
SANDRA WILSON



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ECOSYSTEMS MANAGEMENT DIVISION
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EXECUTIVE DIRECTOR

ROGER P. STEWART

DATE: July 23, 1996

TO: Holly Greening
TBNEP, Senior Scientist

FROM: Tom Tamanini

SUBJECT: *SCHEDULE FOR ATMOSPHERIC DEPOSITION STUDY*

The attached sheet describes in detail the daily routine for operating a NADP/AIRMoN station. From this description and from past experience I feel safe in expecting this daily visit to take 1.5 to 2 hours per day. The big difference will be on the sixth day when the filter packs and denuder system will need to be changed. This may require an additional hour. At this time we are unsure of the time requirements, but have allowed for this in our operating schedule. The following is a schedule of the weekend and holiday schedule for EPC of HC.

August, 1996

wkend 1 = 3-5
wkend 2 = 10-12
wkend 3 = 17-19
wkend 4 = 24-26

October, 1996

wkend 1 = 5-7
wkend 2 = 12-14
wkend 3 = 19-21
wkend 4 = 26-28

December, 1996

wkend 1 = 7-9
wkend 2 = 14-16
wkend 3 = 21-23
wkend 4 = 28-30

February, 1997

wkend 1 = 1-3
wkend 2 = 8-10
wkend 3 = 15-17
wkend 4 = 22-24

April, 1997

wkend 1 = 5-7
wkend 2 = 12-14
wkend 3 = 19-21
wkend 4 = 26-28

June, 1996

wkend 1 = 7-9
wkend 2 = 14-16
wkend 3 = 21-23
wkend 4 = 28-30

EPC will operate the station Tuesday through Friday for the duration of the study. The missing weekend dates are when Pinellas County will be operating the site. If there is any additional information required please contact me at 272-5530.

Sincerely,

Tom Tamanini

SYNOPSIS OF NADP/AIRMON FIELD PROTOCOLS

TAKE TO SITE @ 9 AM EVERY day

clean bucket and lid, marking pen, rain gage chart, water, FOF's, Kimwipes^R, tape and car keys - Sec. 4.A.2 and 4.A.3

AT SITE

Approach from downwind side! - Sec. 4.C.2

"Short out" grid - Sec. 4.C.4

Examine WET-SIDE bucket for contamination - record if anything is visible - Sec. 4.C.6

Put the lid tightly on WET-SIDE bucket, secure with tape if necessary - Sec. 4.D.1.

Place bucket with lid in plastic bag - Sec. 4.D.1

Record DATE and TIME OFF on plastic bag or FOF - Sec. 4.D.1.

Clean lid seal bottom pad with damp Kimwipe^R - Sec. 4.D.2

Place the new, clean bucket in holder, secure - BE CAREFUL NOT TO TOUCH THE INSIDE OF THE BUCKET WITH YOUR HANDS OR SECURING DEVICE! - Sec. 4.D.3

Write the DATE and TIME ON on a new FOF - Sec. 4.D.4

Check to see that the rain gage/event marker are working properly - Sec. 4.E.1

Check to see that the sensor grid is operating properly - Sec. 4.E.2

Remove the rain gage chart and drum, note time and date - Sec. 4.H.1 & 4.H.2

Rewind the clock - Sec. 4.H.3

Record the time and date of the chart change and install new chart on drum - Sec. 4.H.5

If appropriate, rezero the rain-amount pen - Sec. 4.H.6

Check the ink level of each pen - Sec. 4.H.7

Transport bucket to laboratory as quickly as possible, avoiding any sloshing of the water in the bucket if possible - Sec. 4.F.1

If any sample is spilled or the bucket is dropped note on the FOF - Sec. 4.F.3

Note any abnormal conditions on the FOF

SYNOPSIS OF NADP/AIRMoN LABORATORY PROTOCOLS

AT LABORATORY

Remove sample bucket from plastic bag and note any leakage - Sec. 5.A.1

Weigh the (bucket + lid + sample) and record on FOF - Sec. 5.A.2

If the sample is frozen, allow to warm up to not more than about 4°C - Sec. 5.A.3

Swirl bucket gently to wash down the sides - Sec. 5.B.9

Rinse out bottle with 10 mL of sample providing there is at least 100 mL of sample - Sec. 5.B.10

<u>Volume</u>	<u>Procedure</u>
V < 10	Fill out FOF but do not send sample to the CAL - Sec. 5.B.4
10 < V < 50	Pour all of sample into 250 mL shipping bottle and send to the CAL - Sec. 5.B.3
50 = V	Pour all of sample into bottle, use up to 15 mL for field chemistry, send rest to the CAL - Sec. 5.B.3
V > 50	Ship 35-250 mL to the CAL - do field chemistry with rest - Sec. 5.B.3

Mark sample bottle with site ID and DATE and TIME ON and OFF - refrigerate - Sec. 5.B.6 through 5.B.16

If sufficient volume measure pH/specific conductance on QC check solution and sample & record on FOF - Sec. 6.E & 6.F

SHIPMENT

Samples to be shipped: - Sec. 7.A.3

Send 2 used buckets, 2 used lids, 2 samples, 8 ice packs-frozen hard, insulation blocks, and the FOF's for the samples being shipped and any other bucket changes since the last sample shipment - Sec. 7.A.1

Make sure "Government Rate" is written on the box and Federal Express shipping invoice. Boxes with samples MUST be sent via NEXT DAY - Sec. 7.A.6 and Sec. 7.A.8.

No samples to be shipped: - Sec. 7.A.2

Send 2 used buckets, 2 used lids, and insulation blocks - Sec. 7.A.1 Send no ice packs, do not send unused lids or buckets - Sec. 7.A.1

Make sure "Government Rate" is written on the box and Federal Express shipping invoice. Send regular ground rate. DO NOT SEND NEXT DAY - Sec. 7.A.7.