

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 416 252 193

VICKSBURG
chemical company

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

RECEIVED
DEC 9 - 1997
MS Dept. of Environmental Quality
Office of Pollution Control

December 8, 1997

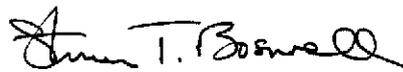
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Sixty-Eight

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 416 252 194

VICKSBURG
chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
100 Alabama Street, SW
Atlanta, Georgia 30303

December 8, 1997

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Sixty-Eight

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Sixty-Eight, for the month of November, 1997. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill following sediment placement from the cleaning of the "C" Pond within the South Pond (SWMU 2) has been very good. Rye grass is beginning to emerge as a winter cover.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

The Potassium People

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Projected Work for the Month

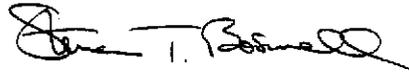
Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared. Pending receipt of EPA's approval on the recently submitted investigation of SWMUs 1, 15 & 16, and proposal to establish a Corrective Action Management Unit, work in those areas could begin. A meeting to receive comment and questions from the public concerning this application will be held Tuesday afternoon from 5:30 pm until 7:30 pm at the City of Vicksburg Public Library. Notice of the meeting was published in the *Vicksburg Evening Post* on Wednesday, November 19, 1997.

Results of Sampling and Analysis Activities during the Report Period

None.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 11-24-97 TO 11/30/97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 11/24/97 Inspected by [Signature]

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
11-24-97	4'3"	[Signature]	Report needs for corrective action to:
11-25-97	4'	[Signature]	
11-26-97	4'0"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
11-27-97	3'10"	[Signature]	
11-28-97	3'10"	[Signature]	
11-29-97	3'2"	[Signature]	
11-30-97	3'10"	[Signature]	

Results of weekly inspection and actions taken:

11/24/97 Level Low 65°

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 11-17 TO 11-23-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 11-17-97 Inspected by [Signature]

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
11-17-97	5'6"	[Signature]	Report needs for corrective action to:
11-18-97	5'11"	[Signature]	
11-19-97	4'11"	[Signature]	
11-20-97	4'5"	[Signature]	Maintenance Planner
11-21-97	4'4"	[Signature]	Shift Supervisor
11-22-97	4'1"	[Signature]	South Plant Supervisor
11-23-97	4'3"	[Signature]	Environmental Dept.

Results of weekly inspection and actions taken:

OK

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 11-10 TO 11-16-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 11-10-97 Inspected by BKW

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
11-10-97	3'6"	BKW	Report needs for corrective action to:
11-11-97	3'3"	[Signature]	
11-12-97	3'8"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
11-13-97	3'8"	[Signature]	
11-14-97	4'4"	[Signature]	
11-15-97	4'11"	[Signature]	
11-16-97	5'4"	[Signature]	

Results of weekly inspection and actions taken:

11/10 RIVER LINE OK @ 69°
11-14-97 " " " " 61°

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 11-3-97 TO 11-9-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 11-3-97 Inspected by OS

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>11-3-97</u>	<u>3'10"</u>	<u>OS</u>	Report needs for corrective action to:
<u>11-4-97</u>	<u>3'9"</u>	<u>OS</u>	
<u>11-5-97</u>	<u>3'7"</u>	<u>OS</u>	
<u>11-6-97</u>	<u>3'6"</u>	<u>OS</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>11-7-97</u>	<u>3'6"</u>	<u>OS</u>	
<u>11-8-97</u>	<u>3'8"</u>	<u>BW</u>	
<u>11-9-97</u>	<u>3'8"</u>	<u>BW</u>	

Results of weekly inspection and actions taken:

good -

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 10-27-97 TO 11-2-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 10-27 Inspected by BGW

Results of inspection OK

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>10-27-97</u>	<u>4'10"</u>	<u>BGW</u>	
<u>10-28-97</u>	<u>4'7"</u>	<u>[Signature]</u>	Report needs for corrective action to:
<u>10-29-97</u>	<u>4'7"</u>	<u>[Signature]</u>	
<u>10-30-97</u>	<u>4'7"</u>	<u>[Signature]</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>10-31-97</u>	<u>4'11"</u>	<u>[Signature]</u>	
<u>11-1-97</u>	<u>4'0"</u>	<u>[Signature]</u>	10-29-97 - River line 62' dh
<u>11-2-97</u>	<u>3'10"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

OK

Memo To: Steve Boswell

December 3, 1997

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has been disked and levelled with top soil being incorporated in with the disking. Water from the South Pond Units will be put on the surface of the landfill to add moisture and nutrients to help promote the growth of vegetation on the surface. There is no evidence of discolored soil at this time. Grass growth has been very good, as has the uniformity of the grass coming up in all areas of the surface.

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 416 252 188

VICKSBURG
chemical company

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

RECEIVED
NOV 12 1997
Dept. of Environmental Quality
Office of Pollution Control

November 9, 1997

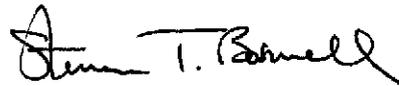
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Sixty-Seven

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
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Vicksburg

chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
100 Alabama Street, SW
Atlanta, Georgia 30303

November 9, 1997

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Sixty-Seven

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Sixty-Seven, for the month of October, 1997. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill following sediment placement from the cleaning of the "C" Pond within the South Pond (SWMU 2) has been very good. Rye grass is beginning to emerge as a winter cover.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Projected Work for the Month

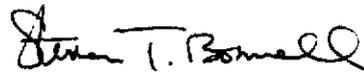
Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared. Pending receipt of EPA's approval on the recently submitted investigation of SWMUs 1, 15 & 16, and proposal to establish a Corrective Action Management Unit, work in those areas could begin.

Results of Sampling and Analysis Activities during the Report Period

None.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

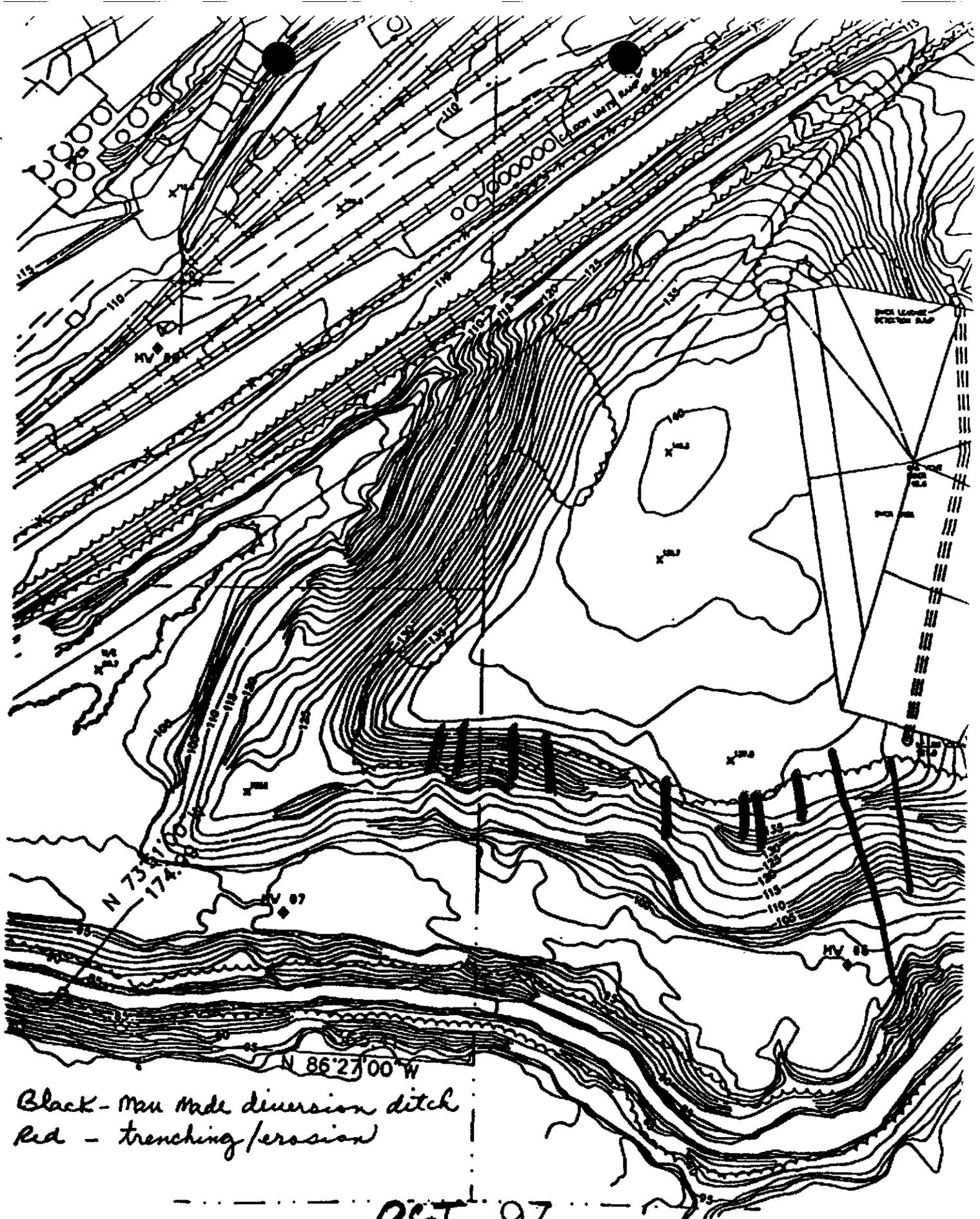
Memo To: Steve Boswell

November 10, 1997

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has been disked and levelled with top soil being incorporated in with the disking. Water from the South Pond Units will be put on the surface of the landfill to add moisture and nutrients to help promote the growth of vegetation on the surface. There is no evidence of discolored soil at this time. Grass growth has been very good, as has the uniformity of the grass coming up in all areas of the surface.



Black - Man Made diversion ditch
 Red - trenching/erosion

OCT 97
 MONTHLY INSPECTION

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 10-27-97 TO 11-2-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 10-27 Inspected by BGW

Results of inspection OK

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
10-27-97	4'10"	BGW	Report needs for corrective action to:
10-28-97	4'7"	<i>[Signature]</i>	
10-29-97	4'9"	<i>[Signature]</i>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
10-30-97	4'7"	<i>[Signature]</i>	
10-31-97	4'11"	<i>[Signature]</i>	
11-1-97	4'8"	<i>[Signature]</i>	10-29-97 - River line 62' ok
11-2-97	3'10"	<i>[Signature]</i>	

Results of weekly inspection and actions taken:

OK

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 10-20 TO 10-26

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 10-20 Inspected by [Signature]
 Results of inspection GOOD

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
10-20-97	4'6"	[Signature]
10-21-97	5'1"	[Signature]
10-22-97	4'10"	[Signature]
10-23-97	4'6"	[Signature]
10-24-97	3'0"	[Signature]
10-25-97	3'5"	[Signature]
10-26-97	4'1"	[Signature]

Report needs for corrective action to:
 Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

River line OK 74° 10-20-97
River line OK 70° 10-23-97

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 10-13-97 TO 10-19-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 10-13-97 Inspected by B6W

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
10-13-97	6'3"	B6W	Report needs for corrective action to:
10-14-97	5'10"	B6W	
10-15-97	5'0"	B6W	
10-16-97	4'10"	B6W	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept. RIVER LINE OK @ 81"
10-17-97	5'0"	B6W	
10-18-97	5'0"	[Signature]	
10-19-97	4'10"	[Signature]	

Results of weekly inspection and actions taken:

10-17-97 - RIVER LINE OK @ 71"

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 10-6-97 TO 10-12-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 10-6-97 Inspected by [Signature]

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>10-6-97</u>	<u>5'2"</u>	<u>[Signature]</u>	Report needs for corrective action to:
<u>10-7-97</u>	<u>5'6"</u>	<u>[Signature]</u>	
<u>10-8-97</u>	<u>5'4"</u>	<u>[Signature]</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>10-9-97</u>	<u>5'5"</u>	<u>[Signature]</u>	
<u>10-10-97</u>	<u>5'4"</u>	<u>[Signature]</u>	
<u>10-11-97</u>	<u>6'0"</u>	<u>BHW</u>	
<u>10-12-97</u>	<u>6'0"</u>	<u>BHW</u>	10-8-97 River Line 5K81

Results of weekly inspection and actions taken:

OK

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 9/29 TO 10/5/97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 9/29/97 Inspected by [Signature]
 Results of inspection OK

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
9/29/97	5'2"	[Signature]	Report needs for corrective action to Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
9/30/97	4'	[Signature]	
10/1/97	4'11"	[Signature]	
10/2/97	4'10"	[Signature]	
10/3/97	4'7"	[Signature]	
10/4/97	4'8"	[Signature]	
10/5/97	4'11"	[Signature]	

Results of weekly inspection and actions taken:

Free line OK

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VICKSBURG
chemical company

RECEIVED
SEP 10 1997
Dept. of Environmental Quality
Office of Pollution Control

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

September 8, 1997

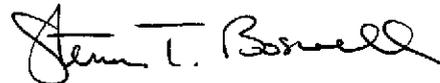
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Sixty-Five

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

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VICKSBURG

chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
100 Alabama Street, SW
Atlanta, Georgia 30303

September 8, 1997

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Sixty-Five

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Sixty-Five, for the month of August, 1997. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill following sediment placement from the cleaning of the "C" Pond within the South Pond (SWMU 2) has been very good.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

Fresh soil was added to the top of the Old Landfill to aid in leveling the surface and preventing localized ponding of rainfall. The surface was leveled by discing and incorporating the fresh soil.

Changes in Personnel

None

The Potassium People

Projected Work for the Month

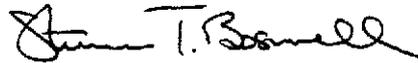
Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared. Pending receipt of EPA's comments on the recent submitted investigation of SWMUs 1, 15 & 16, and proposal to establish a Corrective Action Management Unit, work in those areas could begin.

Results of Sampling and Analysis Activities during the Report Period

None.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 9/1 TO 9/7/97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 9/1/97 Inspected by [Signature]
 Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
9/1/97	4'2"	[Signature]
9/2/97	4'	[Signature]
9/3/97	4'4"	[Signature]
9/4/97	3'11"	[Signature]
9/5/97	3'11"	[Signature]
9/6/97	4'1"	[Signature]
9/7/97	4'5"	[Signature]

Report needs for corrective action to:
 Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

Run line OK

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 8-25-97 TO 8-31-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 8-25-97 Inspected by [Signature]

Results of inspection OK

2. South Pond - Record level daily, keep a minimum fore-board of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
8-25-97	4'0"	[Signature]	Report needs for corrective action to:
8-26-97	4'0"	[Signature]	
8-27-97	4'0"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
8-28-97	4'0"	[Signature]	
8-29-97	4'0"	[Signature]	
8-30-97	4'1"	[Signature]	
8-31-97	4'2"	[Signature]	

Results of weekly inspection and actions taken:

8-25-97 - '88 River line

[Signature]

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 8-18-97 TO 8-24-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 8-18-97 Inspected by B.G. INDIANT

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
8-18-97	3' 11"	Bhw
8-19-97	3' 0"	Bhw
8-20-97	2' 10"	Bhw
8-21-97	2' 8"	Bhw
8-22-97	3' 0"	Bhw
8-23-97	3' 11"	JW
8-24-97	3' 7"	JW

Report needs for corrective action to:

Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

RIVER-LINE ON E 96' - 8-18
 8-22. LIVER LINE 93'

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 8-11-97 TO 8-17-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 8-11-97 Inspected by BJ

Results of inspection good no drums

2. South Pond - Record level daily, keep a minimum floatboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
8-11-97	3' 11"	BJ	Report needs for corrective action to:
8-12-97	4' 1"	BJ	
8-13-97	3' 11"	BJ	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept. 8-11-97 Rise in creek SR 33
8-14-97	3' 8"	BJ	
8-15-97	3' 7"	BJ	
8-16-97	3' 9"	BGW	
8-17-97	3' 8"	Bbu	

Results of weekly inspection and actions taken:

Need to cut grass around dykes.

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 8-4-97 TO 8-10-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 8-4-97 Inspected by [Signature]

Results of inspection good no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
8-4-97	6'3"	[Signature]	Report needs for corrective action to:
8-5-97	6'	[Signature]	
8-6-97	5'8"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept. 8-4-97 River Dike OK 92'
8-7-97	5'	[Signature]	
8-8-97	4'5"	[Signature]	
8-9-97	4'2"	[Signature]	
8-10-97	3'11"	[Signature]	

Results of weekly inspection and actions taken:

Some grass cut - most not cut,

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 7-28 TO 8-3-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 7-28-97 Inspected by [Signature]

Results of inspection GOOD

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
7-28-97	4'3"	[Signature]
7-29-97	4'3"	[Signature]
7-30-97	3'11"	[Signature]
7-31-97	4'0"	[Signature]
8-1-97	4'0"	[Signature]
8-2-97	4'4"	[Signature]
8-3-97	5'0"	[Signature]

Report needs for corrective action to:

Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

RIVER LINE OK @ 96'

Memo To: Steve Boswell

September 8, 1997

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill has been disked and levelled with top soil being incorporated in with the disking. Water from the South Pond Units will be put on the surface of the landfill to add moisture and nutrients to help promote the growth of vegetation on the surface. There is no evidence of discolored soil at this time.

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
416 252 169

VICKSBURG
chemical company

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

RECEIVED
AUG - 8 1997
Dept. of Environmental Quality
Office of Pollution Control

August 7, 1997

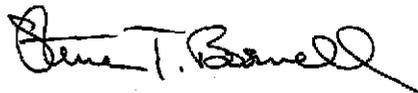
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Sixty-Four

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Vicksburg

chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
100 Alabama Street, SW
Atlanta, Georgia 30303

August 7, 1997

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Sixty-Four

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Sixty-Four, for the month of July, 1997. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill following sediment placement from the cleaning of the "C" Pond within the South Pond (SWMU 2) has been very good.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Projected Work for the Month

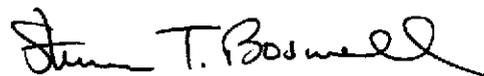
Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared. Pending receipt of EPA's comments on the recent submitted investigation of SWMUs 1, 15 & 16, and proposal to establish a Corrective Action Management Unit, work in those areas could begin.

Results of Sampling and Analysis Activities during the Report Period

Cells 2 and 3 of the temporary unit were sampled for toxaphene on July 1, 1997 and July 22, 1997. The first sampling was to have been run in duplicate, but only single samples were run. The sampling was repeated and duplicate results were produced. In both data sets, toxaphene was not found above the limit of detection. Copies of the analytical data are enclosed.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

Memo To: Steve Boswell

August 7, 1997

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill is now covered with dredged material from the "C" pond of the South Pond. Growth of grass has continued since placement of the material from the pond. Complete coverage has not yet been achieved. The ground appears to be firm enough to drive over now. As soon as the surface permits, it needs to be graded to allow mowing. No discolored soil is visible.



Black - Man Made diversion ditch
 Red - trenching/erosion

July 97
 MONTHLY INSPECTION

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 7-28 TO 8-3-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 7-28-97 Inspected by [Signature]

Results of inspection GOOD

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
<u>7-28-97</u>	<u>4'3"</u>	<u>[Signature]</u>
<u>7-29-97</u>	<u>4'3"</u>	<u>[Signature]</u>
<u>7-30-97</u>	<u>3'11"</u>	<u>[Signature]</u>
<u>7-31-97</u>	<u>4'0"</u>	<u>[Signature]</u>
<u>8-1-97</u>	<u>4'0"</u>	<u>[Signature]</u>
<u>8-2-97</u>	<u>4'4"</u>	<u>[Signature]</u>
<u>8-3-97</u>	<u>5'0"</u>	<u>[Signature]</u>

Report needs for corrective action to:

Maintenance Planner
Shift Supervisor
South Plant Supervisor
Environmental Dept.

Results of weekly inspection and actions taken:

RIVER LINE OK @ 96'

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 7-21-97 TO 7-27-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 7-21-97 Inspected by Bhw

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>7-21-97</u>	<u>2' 6"</u>	<u>Bhw</u>	Report needs for corrective action to:
<u>7-22-97</u>	<u>2' 3"</u>	<u>Bhw</u>	
<u>7-23-97</u>	<u>2' 9"</u>	<u>Bhw</u>	
<u>7-24-97</u>	<u>3' 2"</u>	<u>Bhw</u>	Maintenance Planner Shift Superisior South Plant Supervisor Environmental Dept. <u>7-21 pond ok @ 95°</u>
<u>7-25-97</u>	<u>3' 6"</u>	<u>Bhw</u>	
<u>7-26-97</u>	<u>3' 8"</u>	<u>[Signature]</u>	
<u>7-27-97</u>	<u>3' 11"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

Run line ok

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 7-14-97 TO 7-20-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 7-14-97 Inspected by OS

Results of inspection good no drums.

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
7-14-97	2'11"	OS	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept. 7-15-97 River line check sk - 92? 7-17-97 River line check sk - 90?
7-15-97	3'2"	OS	
7-16-97	3'3"	OS	
7-17-97	3'3"	OS	
7-18-97	3'2"	OS	
7-19-97	3'0"	BGW	
7-20-97	2'10"	BGW	

Results of weekly inspection and actions taken:

Some grass has been cut - needs more attention.

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 7/7/97 TO 7/13/97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 7/7/97 Inspected by [Signature]

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
7/7/97	7'	[Signature]	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
7/8/97	6'9"	[Signature]	
7/9/97	5'10"	[Signature]	
7/10/97	5'	[Signature]	
7/11/97	4'6"	[Signature]	
7-12-97	4'3"	[Signature]	
7-13-97	3'5"	[Signature]	

7/14/97 Results of weekly inspection and actions taken:
[Signature]

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 6-30 TO 7-6-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 6-30-97 Inspected by Jew

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
6-30-97	7'10"	<u>Jew</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
7-1-97	8'0"	<u>Jew</u>	
7-2-97	7'4"	<u>Jew</u>	
7-3-97	7'4"	<u>Jew</u>	
7-4-97	7'3"	<u>Jew</u>	
7/5/97	7'3"	<u>Jew</u>	
7/6/97	7'1"	<u>Jew</u>	

Results of weekly inspection and actions taken:

Riser Pipe Dk 94° 7-1-97

Pace Analytical Services, Inc. - New Orleans
Sample Cross Reference Summary

Episode: ICF Client: Vicksburg Chemical Company

Project: _____

Site: _____

<u>Lab ID</u>	<u>Client ID</u>	<u>Description</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
ICF-001	DIRT CELL 2	COMPOSITE	Soil	07/01/97	07/02/97
ICF-002	DIRT CELL 3	COMPOSITE	Soil	07/01/97	07/02/97

Narrative for Episode ICF

8080 Analysis

Significant interferences were present in both samples which required a 1:10 dilution to bring the sample response within the working calibration range. Said interferences also resulted in poor surrogate recoveries. No toxaphene pattern was observed for either sample.

Report of Laboratory Analysis
Pace Analytical Services, Inc. - New Orleans
Single Sample - Organic Protocol

Client ID: <u>DIRT CELL 2</u>	Client: <u>VICKSBURG CHEMICAL COMPANY</u>
Project: <u>None</u>	Site: <u>None</u>
Lab ID: <u>ICF-001</u>	Episode: <u>ICF</u> Sample Qu:
Description: <u>COMPOSITE</u>	Matrix: <u>Soil</u> % Moisture: <u>19</u>
Method: <u>Low Soil SW 8080 Pesticides</u>	Batch: <u>22766</u> Units: <u>ug/kg</u>
Prep Factor: <u>1.00</u>	Leached: <u>n/a</u> Prepared: <u>03-Jul-97</u> Analyzed: <u>09-Jul-97 18:57 ML</u>

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
8001-35-2	Toxaphene	10	ND	N D2	984	
1 compound(s) reported						

ND denotes Not Detected at or above the adjusted reporting limit.
 DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
 Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
 Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
 For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

Report of Laboratory Analysis
Pace Analytical Services, Inc. - New Orleans
Single Sample - Organic Protocol

Client ID: <u>DIRT CELL 3</u>	Client: <u>VICKSBURG CHEMICAL COMPANY</u>
Project: <u>None</u>	Site: <u>None</u>
Lab ID: <u>ICF-002</u>	Episode: <u>ICF</u> Sample Qu:
Description: <u>COMPOSITE</u>	Matrix: <u>Soil</u> % Moisture: <u>18</u>
Method: <u>Low Soil SW 8080 Pesticides</u>	Batch: <u>22766</u> Units: <u>ug/kg</u>
Prep Factor: <u>1.00</u>	Leached: <u>n/a</u> Prepared: <u>03-Jul-97</u> Analyzed: <u>09-Jul-97 20:04 ML</u>

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
8001-35-2	Toxaphene	10	ND	N D2	976	

1 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
 DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
 Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
 Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
 For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

Pace Analytical Services, Inc. - New Orleans
Laboratory Quality Control Definitions

Our laboratory employs quality control (QC) measures to ensure the quality of our analytical data by defining its accuracy and precision. Presentation of the QC data with the report allows the data user the opportunity to evaluate these results and to gauge the method performance. In order to assist the understanding of these data, routine components of our QC program are defined below.

BATCH - A batch is a group of 20 samples or less of a given matrix and analysis by a specific protocol or analytical method.

BLANK - A method blank is a "clean" laboratory sample carried through the entire analytical process. One or more method blanks are prepared with each batch of samples. The analysis of method blanks demonstrates that method interferences caused by contaminants, reagents and glassware are known and minimized. A method blank should not contain any analytes of interest above the reporting limit. There are method allowances for common laboratory artifacts such as methylene chloride, acetone and bis-2-ethylhexyl phthalate.

LABORATORY CONTROL SPIKE - A laboratory control spike (LCS or blank spike) is a blank which has been spiked with known concentrations of target analytes. The LCS is carried through the entire analytical process. One or more LCS are prepared with each batch of samples. The percent recovery of the spiked analytes provides a measure of the accuracy of the analytical process in the absence of matrix effects.

MATRIX SPIKE - A matrix spike (MS) is a client sample which is spiked with known concentrations of target analytes. The MS is carried through the entire analytical process. One or more matrix spikes are prepared with every batch of samples. For organic methods, a matrix spike duplicate (MSD) is also prepared. The percent recovery of the spiked analytes provides a measure of the method accuracy in the selected sample and matrix.

DUPLICATE - A duplicate is a sample for which replicate aliquots are carried through the entire analytical process. Comparison of the original results to those of the duplicate results provides a measure of the method precision in the sample and matrix. By convention, precision is measured for inorganic analyses using a sample and a sample duplicate, whereas for organics analyses, an MS/MSD are used.

SURROGATE - A surrogate is a non-target analyte which is added to all samples and QC samples prior to extraction or analysis. The percent recovery of the surrogate provides a measure of the method accuracy in each sample tested. Surrogates are used for organics methods only.

QC LIMITS - QC limits specify the expected percent recovery range for a spiked compound. QC limits may be set by method criteria or calculated from laboratory generated data. For many methods, these limits are advisory and do not require corrective action if exceeded.

Report of Quality Control
Pace Analytical Services, Inc. - New Orleans
Organic Protocol - Single Batch

Episode: ICF

Method: Low Soil GC Pesticides/PCBs and Chlorinated Hy

Batch: 22766

Units: ug/kg

Parameter Name	LCS	LCS	LCS	MS	MS	MSD	Dup	QC Limits		RPD	Qu
	Spike	%Rec	%Rec	Spike	%Rec	%Rec	%RPD	LCS	MS/MSD	Max	
Aldrin	16.7	72		16.7	47	65	32	42-122	42-122	50	
alpha-BHC	16.7	76		16.7	60	82	31	37-134	37-134	50	
beta-BHC	16.7	70		16.7	50	73	37	17-147	17-147	50	
delta-BHC	16.7	75		16.7	39	78	67 *	19-140	19-140	50	Q8
gamma-BHC (Lindane)	16.7	73		16.7	52	74	35	32-137	32-137	50	
4,4'-DDD (p,p'-DDD)	16.7	71		16.7	55	77	33	31-141	31-141	50	
4,4'-DDE (p,p'-DDE)	16.7	73		16.7	61	73	18	30-145	30-145	50	
4,4'-DDT (p,p'-DDT)	16.7	80		16.7	39	68	54 *	25-160	25-160	50	Q8
Dieldrin	16.7	77		16.7	60	72	18	36-146	36-146	50	
Endosulfan I (alpha-Endosulfan)	16.7	77		16.7	42 *	57	30	45-153	45-153	50	Q1
Endosulfan II (beta-Endosulfan)	16.7	73		16.7	56	79	34	1-202	1-202	50	
Endosulfan sulfate	16.7	70		16.7	51	69	30	26-144	26-144	50	
Endrin	16.7	86		16.7	64	85	28	30-147	30-147	50	
Endrin aldehyde	16.7	94		16.7	44	64	37	40-150	40-150	50	
Heptachlor	16.7	78		16.7	69	91	28	34-111	34-111	50	
Heptachlor epoxide	16.7	74		16.7	68	82	19	37-142	37-142	50	

* denotes recovery outside of QC limits.

MS spike concentrations are not corrected for moisture content of the spiked sample.

Report of Batch Surrogate Recovery
Pace Analytical Services, Inc. - New Orleans
Organic Protocol - Single Batch

Episode: ICF

Method: Low Soil GC Pesticides/PCBs and Chlorinated Hydr Batch: 22766

Lab ID	Sur 1 %Rec	Sur 2 %Rec	Sur 3 %Rec	Sur 4 %Rec	Sur 5 %Rec	Sur 6 %Rec	Sur 7 %Rec	Sur 8 %Rec
22766B1	63	38	31	36				
22766B2	60	49	65	46				
22766S1	106	76	57	69				
HTF-001	50	55	46	32				
HTM-001	69	86	57	50				
HTM-002	123	453 D	51	48				
HTM-003	122	250 D	56	55				
HTM-004	134	79	65	59				
HTM-005	114	54	53	40				
HTM-006	159 D	74	70	57				
HTM-007	129	51	55	50				
ICF-001	163 D	248 D	93	74				
ICF-002	159 D	245 D	49	68				
QC limits:	30 - 150	30 - 150	30 - 150	30 - 150				

Sur 1: SS Tetrachloro-m-xylene
 Sur 2: SS Decachlorobiphenyl
 Sur 3: SS Tetrachloro-m-xylene (confirmation)
 Sur 4: SS Decachlorobiphenyl (confirmation)

* denotes surrogate recovery outside of QC limits.
 D denotes surrogate recovery is outside of QC limits due to sample dilution, and is not considered an excursion.
 A Lab ID consisting of a batch number with a B suffix is a method blank.
 A Lab ID consisting of a batch number with a S suffix is an LCS.
 A Lab ID with a MS suffix is a matrix spike.
 A Lab ID with a MSD suffix is a matrix spike duplicate.

Report of Method Blank
Pace Analytical Services, Inc. - New Orleans
Organic Protocol - Single Batch

Lab ID: 22766B1

Description: Low Soil Method Blank

Episode: ICF

% Moisture: n/a

Method: Low Soil GC Pesticides/PCBs and Chlorinated Hy

Batch: 22766

Units: ug/kg

Prep Factor: 1

Leached: n/a

Prepared: 17-Jun-97

Analyzed: 17-Jun-97 14:51 MS

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
309-00-2	Aldrin	1	ND		1.70
319-84-6	alpha-BHC	1	ND		1.70
319-85-7	beta-BHC	1	ND		1.70
319-86-9	delta-BHC	1	ND		1.70
58-89-9	gamma-BHC (Lindane)	1	ND		1.70
5103-71-9	alpha-Chlordane	1	ND		1.70
5103-74-2	gamma-Chlordane	1	ND		1.70
72-54-9	4,4'-DDD (p,p'-DDD)	1	ND		3.30
72-55-9	4,4'-DDE (p,p'-DDE)	1	ND		3.30
50-29-3	4,4'-DDT (p,p'-DDT)	1	ND		3.30
60-57-1	Dieldrin	1	ND		3.30
959-98-8	Endosulfan I (alpha-Endosulfan)	1	ND		1.70
33213-65-9	Endosulfan II (beta-Endosulfan)	1	ND		3.30
1031-07-8	Endosulfan sulfate	1	ND		3.30
72-20-8	Endrin	1	ND		3.30
7421-36-3	Endrin aldehyde	1	ND		3.30
53494-70-5	Endrin ketone	1	ND		3.30
76-44-8	Heptachlor	1	ND		1.70
1024-57-3	Heptachlor epoxide	1	ND		1.70
72-43-5	Methoxychlor	1	ND		16.7
8001-35-2	Toxaphene	1	ND		80.0
12674-11-2	Aroclor-1016	1	ND		33.3
11104-28-2	Aroclor-1221	1	ND		33.3
11141-16-5	Aroclor-1232	1	ND		33.3
53469-21-9	Aroclor-1242	1	ND		33.3
12672-29-6	Aroclor-1248	1	ND		33.3
11097-69-1	Aroclor-1254	1	ND		33.3
1109-82-5	Aroclor-1260	1	ND		33.3

28 compound(s) reported

ND denotes Not Detected at or above the reporting limit.

DF denotes Dilution Factor.

RL denotes sample Reporting Limit.

Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

7/14/97 14:03:26

Report Qualifiers

Pace Analytical Services, Inc. - New Orleans

Single Episode

Episode: ICF

Qualifier	Qualifier Description
D2	The analysis was performed at a dilution due to the presence of matrix interferences.
G1	<i>Interferences are present which caused poor surrogate recovery.</i>
Q1	The matrix spike recoveries are poor. Acceptable method performance for this analyte has been demonstrated by the laboratory control sample recovery.
Q8	The sample and/or duplicate concentration reported is less than 5 times the reporting limit; therefore, the replicate precision RPD is not statistically valid.

Pace Analytical

CHAIN-OF-CUSTODY RECORD Analytical Request

Client: <u>Vickburg Chemical Co</u>	Report To: <u>Steve Boswell</u>	Turn around Time <input type="checkbox"/> 24 Hours <input type="checkbox"/> 48 Hours <input type="checkbox"/> 3-5 Days <input type="checkbox"/> 1 Week 2 Weeks <input checked="" type="checkbox"/> Normal 14 Days	Pace Client No. _____
Address: <u>4280 R. St Range Rd</u> <u>Vickburg MS 39180</u>	Bill To: <u>KAREN SCHIRAL</u>		Pace Project Manager _____
Phone: <u>601-636-1231</u>	P.O. # / Billing Reference: <u>01-69863</u>		Pace Project No. _____
Project Name / No. _____			*Requested Due Date: _____

Sampled By (PRINT): DAVID H. KEEN

Sampler Signature: [Signature] Date Sampled: 7/1/97

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PAGE NO.	NO. OF CONTAINERS	PRESERVATIVES					ANALYSES REQUEST	REMARKS
						UNPRESERVED	H ₂ SO ₄	HNO ₃	VOA (HCL)	NaOH		
1					1	1						
2	<u>COMPOSITE DIRT CELL 2</u>	<u>1115</u>	<u>SOIL</u>		2						Y	
3	<u>COMPOSITE DIRT CELL 3</u>	<u>0930</u>	<u>SOIL</u>		2						X	
4												
5												
6												
7												
8												

050-Tekaplex

7/1/97
7 sample jars
(1000 per site)

COOLER NOS.	BAILERS	SAMPLE METHOD	DATE	TIME	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
					<u>UPS</u>			<u>UPS</u>		
Additional Comments					<p><u>Temp: 26°C</u> Received on Ice: <u>Y/N</u> Sealed Cooler: <u>Y/N</u> Samples Intact: <u>Y/N</u> pH <u> </u></p>					

SEE REVERSE SIDE FOR INSTRUCTIONS

Pace Analytical Services, Inc. - New Orleans
Sample Cross Reference Summary

Episode: IIN Client: Vicksburg Chemical Company

Project: _____

Site: _____

<u>Lab ID</u>	<u>Client ID</u>	<u>Description</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
IIN-001	DIRT CELL 2	COMPOSITE	Soil	07/22/97	07/23/97
IIN-002	DIRT CELL 2 DUP	COMPOSITE	Soil	07/22/97	07/23/97
IIN-003	DIRT CELL 3	COMPOSITE	Soil	07/22/97	07/23/97
IIN-004	DIRT CELL 3 DUP	COMPOSITE	Soil	07/22/97	07/23/97

Narrative for Episode IIN

Pesticide Analysis

Samples from this site have been analyzed before with similar difficulties as were encountered with the analysis of these samples. All four samples contained interferences due to the probable presence of an Aroclor that elutes across the same range as does toxaphene. Due to the presence of these interferences, the evaluation for the presence of toxaphene was greatly complicated. It was necessary to analyze the samples at a dilution to bring the sample response within the linear calibrated range of the instrument. Toxaphene is reported as non-detected at an elevated reporting limit for all samples.

Report of Laboratory Analysis
Pace Analytical Services, Inc. - New Orleans
Single Sample - Organic Protocol

Client ID: DIRT CELL 2

Client: VICKSBURG CHEMICAL COMPANY

Project: None

Site: None

Lab ID: IIN-001

Episode: IIN

Sample Qu:

Description: COMPOSITE

Matrix: Soil

% Moisture: 13

Method: Low Soil SR429 CLP Pesticides

Batch: 23140

Units: ug/kg

Prep Factor: 1.00

Leached: n/a

Prepared: 30-Jul-97

Analyzed: 31-Jul-97 14:38 FFP

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
8001-35-2	Toxaphene	20	ND	D2	3680	

1 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
 DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
 Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
 Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
 For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

Report of Laboratory Analysis
Pace Analytical Services, Inc. - New Orleans
Single Sample - Organic Protocol

Client ID: DIRT CELL 2 DUP

Client: VICKSBURG CHEMICAL COMPANY

Project: None

Site: None

Lab ID: IIN-002

Episode: IIN

Sample Qu:

Description: COMPOSITE

Matrix: Soil

% Moisture: 13

Method: Low Soil SR429 CLP Pesticides

Batch: 23140

Units: ug/kg

Prep Factor: 1.00

Leached: n/a

Prepared: 30-Jul-97

Analyzed: 31-Jul-97 15:23 FFP

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
8001-35-2	Toxaphene	10	ND	D2	1840	

1 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
 DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
 Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
 Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
 For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

Report of Laboratory Analysis
Pace Analytical Services, Inc. - New Orleans
Single Sample - Organic Protocol

Client ID: <u>DIRT CELL 3</u>	Client: <u>VICKSBURG CHEMICAL COMPANY</u>
Project: <u>None</u>	Site: <u>None</u>
Lab ID: <u>IIN-003</u>	Episode: <u>IIN</u> Sample Qu:
Description: <u>COMPOSITE</u>	Matrix: <u>Soil</u> % Moisture: <u>11</u>
Method: <u>Low Soil SR429 CLP Pesticides</u>	Batch: <u>23140</u> Units: <u>ug/kg</u>
Prep Factor: <u>1.00</u>	Leached: <u>n/a</u> Prepared: <u>30-Jul-97</u> Analyzed: <u>31-Jul-97 16:08 FFP</u>

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
8001-35-2	Toxaphene	10	ND	D2	1790	

1 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
 DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
 Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
 Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
 For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

Report of Laboratory Analysis
Pace Analytical Services, Inc. - New Orleans
Single Sample - Organic Protocol

Client ID: DIRT CELL 3 DUP

Client: VICKSBURG CHEMICAL COMPANY

Project: None

Site: None

Lab ID: IIN-004

Episode: IIN

Sample Qu:

Description: COMPOSITE

Matrix: Soil

% Moisture: 10

Method: Low Soil SR429 CLP Pesticides

Batch: 23140

Units: ug/kg

Prep Factor: 1.00

Leached: n/a

Prepared: 30-Jul-97

Analyzed: 31-Jul-97 16:53 FFP

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit	Reg. Limit
8001-35-2	Toxaphene	10	ND	D2	1780	

1 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
 DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
 Reporting Limit is corrected for sample size, dilution and moisture content if applicable.
 Qu has qualifiers. Specific qualifiers are defined at the end of the report.
 For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.

Pace Analytical Services, Inc. - New Orleans
Laboratory Quality Control Definitions

Our laboratory employs quality control (QC) measures to ensure the quality of our analytical data by defining its accuracy and precision. Presentation of the QC data with the report allows the data user the opportunity to evaluate these results and to gauge the method performance. In order to assist the understanding of these data, routine components of our QC program are defined below.

BATCH - A batch is a group of 20 samples or less of a given matrix and analysis by a specific protocol or analytical method.

BLANK - A method blank is a "clean" laboratory sample carried through the entire analytical process. One or more method blanks are prepared with each batch of samples. The analysis of method blanks demonstrates that method interferences caused by contaminants, reagents and glassware are known and minimized. A method blank should not contain any analytes of interest above the reporting limit. There are method allowances for common laboratory artifacts such as methylene chloride, acetone and bis-2-ethylhexyl phthalate.

LABORATORY CONTROL SPIKE - A laboratory control spike (LCS or blank spike) is a blank which has been spiked with known concentrations of target analytes. The LCS is carried through the entire analytical process. One or more LCS are prepared with each batch of samples. The percent recovery of the spiked analytes provides a measure of the accuracy of the analytical process in the absence of matrix effects.

MATRIX SPIKE - A matrix spike (MS) is a client sample which is spiked with known concentrations of target analytes. The MS is carried through the entire analytical process. One or more matrix spikes are prepared with every batch of samples. For organic methods, a matrix spike duplicate (MSD) is also prepared. The percent recovery of the spiked analytes provides a measure of the method accuracy in the selected sample and matrix.

DUPLICATE - A duplicate is a sample for which replicate aliquots are carried through the entire analytical process. Comparison of the original results to those of the duplicate results provides a measure of the method precision in the sample and matrix. By convention, precision is measured for inorganic analyses using a sample and a sample duplicate, whereas for organics analyses, an MS/MSD are used.

SURROGATE - A surrogate is a non-target analyte which is added to all samples and QC samples prior to extraction or analysis. The percent recovery of the surrogate provides a measure of the method accuracy in each sample tested. Surrogates are used for organics methods only.

QC LIMITS - QC limits specify the expected percent recovery range for a spiked compound. QC limits may be set by method criteria or calculated from laboratory generated data. For many methods, these limits are advisory and do not require corrective action if exceeded.

Report of Quality Control
Pace Analytical Services, Inc. - New Orleans
Organic Protocol - Single Batch

Episode: IIN

Method: Low Soil GC Pesticides/PCBs and Chlorinated Hy

Batch: 23140

Units: ug/kg

Parameter Name	LCS	LCS	LCS	MS	MS	MSD	Dup	QC Limits		RPD	Qu
	Spike	%Rec	%Rec	Spike	%Rec	%Rec	%RPD	LCS	MS/MSD	Max	
Aldrin	16.7	50		16.7	46	50	8	42-122	42-122	50	
alpha-BHC	16.7	52		16.7	44	53	19	37-134	37-134	50	
beta-BHC	16.7	53		16.7	43	50	15	17-147	17-147	50	
delta-BHC	16.7	54		16.7	65	45	36	19-140	19-140	50	
gamma-BHC (Lindane)	16.7	50		16.7	46	52	12	32-137	32-137	50	
4,4'-DDD (p,p'-DDD)	16.7	61		16.7	101	78	26	31-141	31-141	50	
4,4'-DDE (p,p'-DDE)	16.7	55		16.7	48	43	11	30-145	30-145	50	
4,4'-DDT (p,p'-DDT)	16.7	65		16.7	63	38	50	25-160	25-160	50	
Dieldrin	16.7	61		16.7	46	55	18	36-146	36-146	50	
Endosulfan I (alpha-Endosulfan)	16.7	59		16.7	42 *	52	21	45-153	45-153	50	Q1
Endosulfan II (beta-Endosulfan)	16.7	64		16.7	85	66	25	1-202	1-202	50	
Endosulfan sulfate	16.7	62		16.7	46	61	28	26-144	26-144	50	
Endrin	16.7	65		16.7	74	89	18	30-147	30-147	50	
Endrin aldehyde	16.7	113		16.7	28 *	33 *	16	40-150	40-150	50	Q1
Heptachlor	16.7	55		16.7	48	52	8	34-111	34-111	50	
Heptachlor epoxide	16.7	55		16.7	70	74	6	37-142	37-142	50	
Methoxychlor	16.7	73		16.7	59	59	0	40-150	40-150	50	

17 compound(s) reported

* denotes recovery outside of QC limits.
MS spike concentrations are not corrected for moisture content of the spiked sample.

Report of Batch Surrogate Recovery
Pace Analytical Services, Inc. - New Orleans
Organic Protocol - Single Batch

Episode: IIN

Method: Low Soil GC Pesticides/PCBs and Chlorinated Hydr Batch: 23140

Lab ID	Sur 1 %Rec	Sur 2 %Rec	Sur 3 %Rec	Sur 4 %Rec	Sur 5 %Rec	Sur 6 %Rec	Sur 7 %Rec	Sur 8 %Rec
23140B1	142	75	89	63				
23140S1	69	56	58	62				
IFS-001	64	112	57	43				
IFS-002	102	74	61	93				
IFS-003	112	55	36	65				
IFS-004	74	57	43	78				
IFS-005	51	43	46	47				
IFS-006	123	30	65	66				
IFS-007	80	40	95	31				
IFS-008MS	70	61	47	38				
IFS-009MSD	125	40	42	30				
IFS-010	104	137	75	46				
IIN-001	0 D	268 D	178 D	165 D				
IIN-002	41	192 D	110	60				
IIN-003	238 D	478 D	396 D	147				
IIN-004	57	230 D	146	154 D				
QC limits:	30 - 150	30 - 150	30 - 150	30 - 150				

Sur 1: SS Tetrachloro-m-xylene
 Sur 2: SS Decachlorobiphenyl
 Sur 3: SS Tetrachloro-m-xylene (confirmation)
 Sur 4: SS Decachlorobiphenyl (confirmation)

* denotes surrogate recovery outside of QC limits.
 D denotes surrogate recovery is outside of QC limits due to sample dilution, and is not considered an excursion.
 A Lab ID consisting of a batch number with a B suffix is a method blank.
 A Lab ID consisting of a batch number with a S suffix is an LCS.
 A Lab ID with a MS suffix is a matrix spike.
 A Lab ID with a MSD suffix is a matrix spike duplicate.

Report of Method Blank
Pace Analytical Services, Inc. - New Orleans
Organic Protocol - Single Batch

Lab ID: 23140B1
Description: Low Soil Method Blank Episode: IIN % Moisture: n/a
Method: Low Soil GC Pesticides/PCBs and Chlorinated Hy Batch: 23140 Units: ug/kg
Prep Factor: 1 Leached: n/a Prepared: 19-Jul-97 Analyzed: 22-Jul-97 18:46 ML

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
309-00-2	Aldrin	1	ND		1.70
319-84-6	alpha-BHC	1	ND		1.70
319-85-7	beta-BHC	1	ND		1.70
319-86-9	delta-BHC	1	ND		1.70
58-89-9	gamma-BHC (Lindane)	1	ND		1.70
57-74-9	Chlordane (technical)	1	ND		16.7
72-54-9	4,4'-DDD (p,p'-DDD)	1	ND		3.30
72-55-9	4,4'-DDE (p,p'-DDE)	1	ND		3.30
50-29-3	4,4'-DDT (p,p'-DDT)	1	ND		3.30
60-57-1	Dieldrin	1	ND		3.30
959-98-8	Endosulfan I (alpha-Endosulfan)	1	ND		1.70
33213-65-9	Endosulfan II (beta-Endosulfan)	1	ND		3.30
1031-07-8	Endosulfan sulfate	1	ND		3.30
72-20-8	Endrin	1	ND		3.30
7421-36-3	Endrin aldehyde	1	ND		3.30
76-44-8	Heptachlor	1	ND		1.70
1024-57-3	Heptachlor epoxide	1	ND		1.70
72-43-5	Methoxychlor	1	ND		16.7
8001-35-2	Toxaphene	1	ND		80.0
12674-11-2	Aroclor-1016	1	ND		33.3
11104-28-2	Aroclor-1221	1	ND		33.3
11141-16-5	Aroclor-1232	1	ND		33.3
53469-21-9	Aroclor-1242	1	ND		33.3
12672-29-6	Aroclor-1248	1	ND		33.3
11097-69-1	Aroclor-1254	1	ND		33.3
1109-82-5	Aroclor-1260	1	ND		33.3

26 compound(s) reported

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.

Report Qualifiers
Pace Analytical Services, Inc. - New Orleans
Single Episode

Episode: IIN

Qualifier	Qualifier Description
------------------	------------------------------

D2	The analysis was performed at a dilution due to the presence of matrix interferences.
----	---

G1	Interferences are present which caused poor surrogate recovery.
----	---

Q1	The matrix spike recoveries are poor. Acceptable method performance for this analyte has been demonstrated by the laboratory control sample recovery.
----	---



ENVIRONMENTAL LABORATORIES

234408

CHAIN-OF-CUSTODY RECORD
Analytical Request

Client Vicksburg Chemical
Address 4280 Rifle Range Rd
Vicksburg, MS 39180
Phone 601-636-1231

Report To: Steve
Bill To: _____
P.O. # / Billing Reference _____
Project Name / No. _____

Pace Client No. _____
Pace Project Manager _____
Pace Project No. _____
*Requested Due Date: _____

Sampled By (PRINT): DAVID KEEN
Sampler Signature David A. Keen Date Sampled 7/22/97

ITEM NO.	SAMPLE DESCRIPTION	TIME	MATRIX	PACE NO.	NO. OF CONTAINERS	PRESERVATIVES				ANALYSES REQUEST	REMARKS
						UNPRESERVED	H ₂ SO ₄	HNO ₃	VOA		
1	COMPOSITE DIRT CELL 2	0900	SOIL		1					X	REK 7/18/97 4 sets
2	COMPOSITE DIRT CELL 2 DUP	0900	SOIL		1					X	
3	COMPOSITE DIRT CELL 3	1015	SOIL		1					X	
4	COMPOSITE DIRT CELL 3 DUP	1015	SOIL		1					X	
5											
6											
7											
8											

COOLER NOS.	BAILERS	SHIPMENT METHOD		ITEM NUMBER	RELINQUISHED BY - AFFILIATION	ACCEPTED BY - AFFILIATION	DATE	TIME
		OUT DATE	RETURNED DATE					
					<u>David Keen</u> UPS	<u>UPS</u> Annie Webster / Pace	<u>7/22/97</u>	<u>1130</u> <u>0930</u>

Additional Comments

T-130

SEE REVERSE SIDE FOR INSTRUCTIONS

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 416 252 151

VICKSBURG
chemical company

RECEIVED
JUL 11 1997
Dept. of Environmental Quality
Office of Pollution Control

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

July 9, 1997

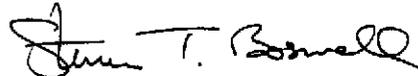
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Sixty-Three

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 416 252 150

VICKSBURG
chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
100 Alabama Street, SW
Atlanta, Georgia 30303

July 9, 1997

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Sixty-Three

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Sixty-Three, for the month of June, 1997. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill following sediment placement from the cleaning of the "C" Pond within the South Pond (SWMU 2) has been very good.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Projected Work for the Month

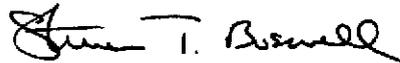
Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared. Pending receipt of EPA's comments on the recent submitted investigation of SWMUs 1, 15 & 16, and proposal to establish a Corrective Action Management Unit, work in those areas could begin.

Results of Sampling and Analysis Activities during the Report Period

Results of an investigation of SWMUs 1, 15 & 16 were submitted to Dr. Judy Sophianopoulos of the USEPA, Region IV, on June 19, 1997. A copy of the results was also submitted to Mr. Kevin Posey of the MSDEQ for review. With these results were also draft a Corrective Measures Study and draft Corrective Measures Implementation Plan and an application to establish a Corrective Action Management Unit.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File



Memo To: Steve Boswell

July 7, 1997

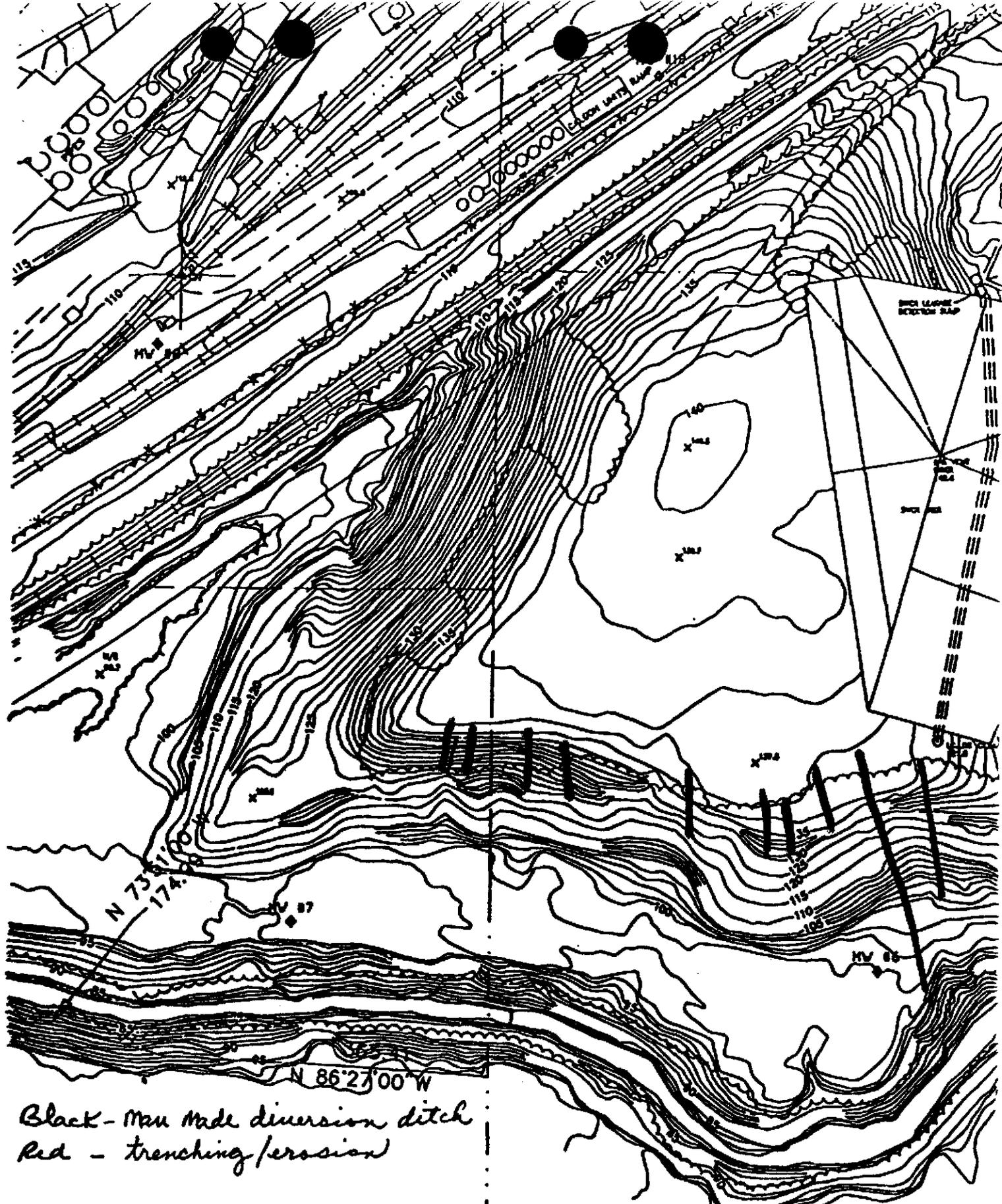
From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill is now covered with dredged material from the "C" pond of the South Pond. Growth of grass has continued since placement of the material from the pond. Complete coverage has not yet been achieved. The ground is not yet firm enough to drive over. As soon as the surface permits, it needs to be graded to allow mowing. No discolored soil is visible.

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767



Black - Man Made diversion ditch
 Red - trenching/erosion

..... JUNE 97
 MONTHLY INSPECTION

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 6-30 TO 7-6-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 6-30-97 Inspected by [Signature]

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
6-30-97	7'10"	[Signature]	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
7-1-97	8'0"	[Signature]	
7-2-97	7'4"	[Signature]	
7-3-97	7'4"	[Signature]	
7-4-97	7'3"	[Signature]	
7/5/97	7'3"	[Signature]	
7/6/97	7'1"	[Signature]	

Results of weekly inspection and actions taken:

River Side Dk 94° 7-1-97

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 6-23-97 TO 6-29-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 6-23-97 Inspected by Blw

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>6-23-97</u>	<u>4' 10"</u>	<u>Blw</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>6-24-97</u>	<u>4' 11"</u>	<u>Blw</u>	
<u>6-25-97</u>	<u>4' 8"</u>	<u>Blw</u>	
<u>6-26-97</u>	<u>4' 8"</u>	<u>Blw</u>	
<u>7-27-97</u>	<u>4' 11"</u>	<u>Blw</u>	
<u>7-28-97</u>	<u>8' 2"</u>	<u>[Signature]</u>	
<u>7-29-97</u>	<u>7' 6"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

6-23-96 RIVER LINE OK @ 89'

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 6-16-97 TO 6-22-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected [Signature] Inspected by 6-16-97

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
6-16-97	3'10"	[Signature]	Report needs for corrective action to:
6-17-97	4'1"	[Signature]	
6-18-97	4'1"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept. 6-16-97 - River line sk 84° 6-19-97 River line sk 88°
6-19-97	4'2"	[Signature]	
6-20-97	4'0"	[Signature]	
6-21-97	4'0"		
6-22-97	4'4"		

Results of weekly inspection and actions taken:

Grass on dykes need cutting. Some bamboo cut

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 6/9 TO 6/15/97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 6/9 Inspected by [Signature]
 Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
6/9/97	4'6"	[Signature]	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
6/10/97	3'3"	[Signature]	
6/11/97	3'3"	[Signature]	
6/12/97	3'11"	[Signature]	
6/13/97	3'9"	[Signature]	
6-14-97	4'2"	[Signature]	
6-15-97	4'7"	[Signature]	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 6-2-97 TO 6-8-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 6-2-97 Inspected by [Signature]

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
6-2-97	5'6"	[Signature]	Report needs for corrective action to:
6-3-97	5'0"	[Signature]	
6-4-97	4'3"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
6-5-97	3'6"	[Signature]	
6-6-97	4'0"	[Signature]	
6-7-97	4'1"	[Signature]	
6-8-97	4'2"	[Signature]	

Results of weekly inspection and actions taken:

6-2-97 River line OK 95°

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 5-26-97 TO 6-1-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 5-26 Inspected by BGW

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>5-26</u>	<u>8'10"</u>	<u>BGW</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>5-27</u>	<u>9'6"</u>	<u>BGW</u>	
<u>5-28</u>	<u>8'0"</u>	<u>BGW</u>	
<u>5-29</u>	<u>7'9"</u>	<u>BGW</u>	
<u>5-30</u>	<u>7'2"</u>	<u>BGW</u>	
<u>5-31</u>	<u>6'6"</u>	<u>[Signature]</u>	
<u>6-1</u>	<u>5'10"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

5-27-97 RIVER LINE OK @ 84'

5-29-97 - RIVER LINE OK @ 83'

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 111 274 080

VICKSBURG
chemical company

RECEIVED
JUN 12 1997
Dept. of Environmental Quality
Office of Pollution Control

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

June 9, 1997

Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Sixty-Two

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell

Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 111 274 076

VICKSBURG
chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
100 Alabama Street, SW
Atlanta, Georgia 30303

June 9, 1997

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Sixty-Two

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Sixty-Two, for the month of May, 1997. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill following sediment placement from the cleaning of the "C" Pond within the South Pond (SWMU 2) has been very good.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Projected Work for the Month

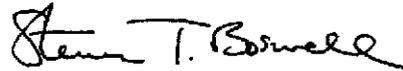
Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared. Submittal of the report of the investigation of the Atrazine Plant area (SWMUs 1, 16 & 17) will follow this report in approximately one week.

Results of Sampling and Analysis Activities during the Report Period

Results of sampling in the Temporary Unit and Drumming Building floor have been received and are included with this report. These results also include analyses performed by the MSDEQ on splits with Cedar.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

Memo To: File

June 10, 1997

From: Steve Boswell

Subject: Temporary Unit & SWMU 9 Sample Results

On May 1, 1997, we sampled the Temporary Unit for toxaphene and split samples with MSDEQ. Present for MSDEQ were Kevin Posey and Russ Twitty. We also sampled the floor of SWMU 9, the Drumming Building, at six locations and analyzed for toxaphene and dinoseb.

Each cell (1,2 & 3) of the Temporary Unit was sampled at five or six discrete locations with buckets augers. Samples were obtained from the surface to the bottom of the cells. All discrete samples from each cell were combined and mixed thoroughly on clean 6 mil polyethylene sheeting. The combined sample was then randomly sampled into laboratory containers.

The floor of SWMU 9 was sampled at six locations (see drawing). Samples of the floor were obtained by Cedar Chemical. Samples of the compost material in contact with floor at each sample location were obtained by MSDEQ. No samples were split in this case as the floor was extremely hard and difficult to sample.

Results are summarized below:

Temporary Unit

Cell1, mg/kg toxaphene	Cell 2, mg/kg toxaphene	Cell 3, mg/kg toxaphene
AEN 3.7	30	280
MSDEQ 4.6	11.5	18.2

The results for Cell 3 are obviously not consistent. AEN's QC/QA results indicate the sample matrix appeared to cause interferences. MSDEQ results do not comment on interferences.

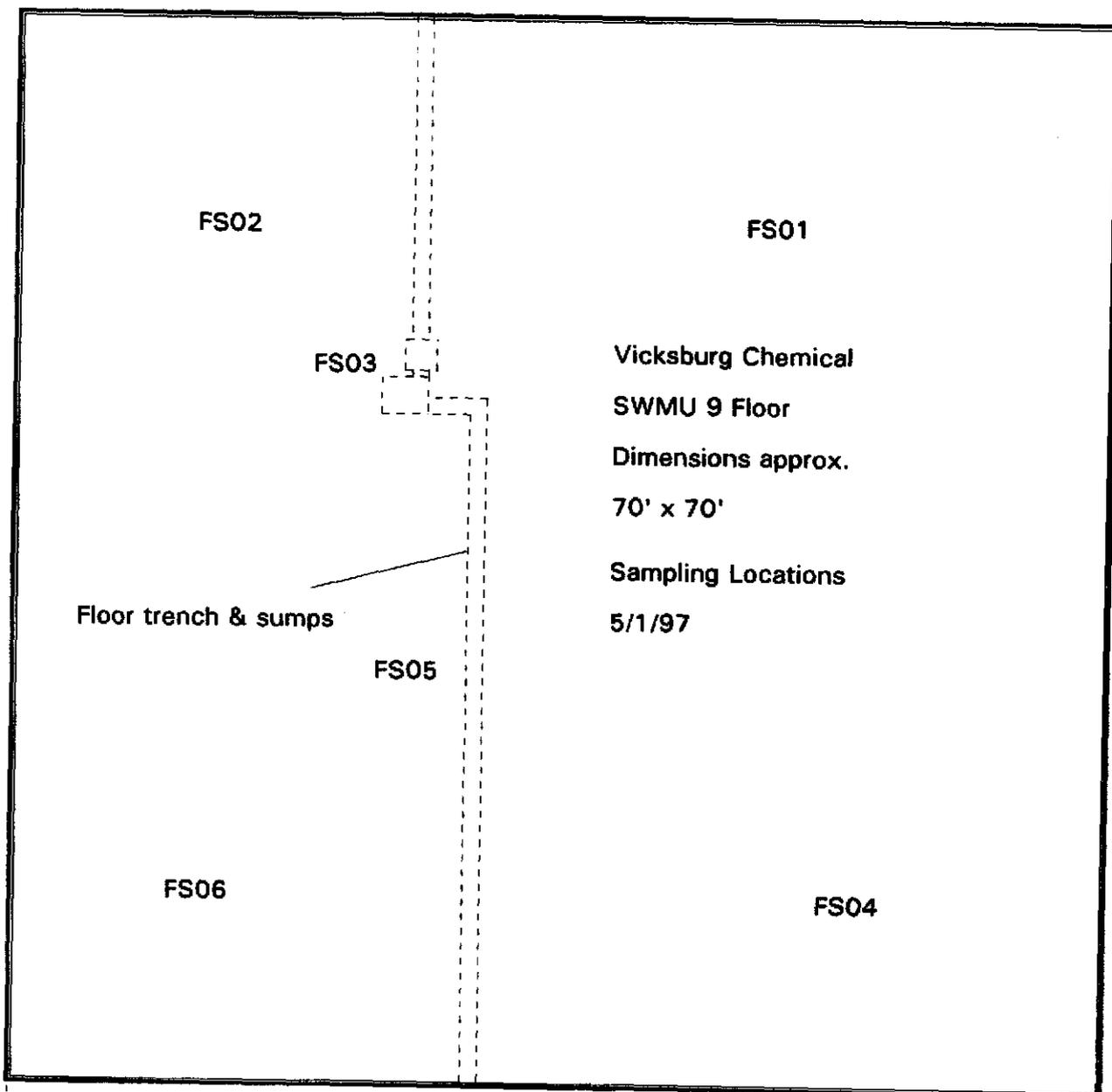
SWMU 9

FS01, mg/kg toxaphene	mg/kg, dinoseb	FS02, mg/kg toxaphene	mg/kg dinoseb
11	210	32	99
Compost 2.1	37.3	Compost 12.9	118

FS03, mg/kg toxaphene	mg/kg, dinoseb	FS04, mg/kg toxaphene	mg/kg dinoseb
310	490	0.5	2.8
Compost 33	824	0.49	ND

FS05, mg/kg toxaphene	mg/kg, dinoseb	FS06, mg/kg toxaphene	mg/kg dinoseb
0.18	0.92	1.5	4.6
Compost 0.26	ND	3.74	ND

There appears to be a correlation between contaminant concentrations found in floor material and in the compost. Whether it indicates floor material (concrete) adhering to the compost or contaminant absorbing into the compost is uncertain.



FS02

FS01

FS03

Vicksburg Chemical
SWMU 9 Floor
Dimensions approx.
70' x 70'

Floor trench & sumps

Sampling Locations
5/1/97

FS05

FS06

FS04

Adjacent Change Room Building

"Method Report Summary"

Accession Number: 705020
Client: VICKSBURG CHEMICAL
Project Number: N/S
Project Name: N/S
Project Location: N/S
Test: PESTICIDES (8080)

Client Sample Id:	Parameter:	Unit:	Result:
CELL 1	TOXAPHENE	UG/KG	3700
CELL 2	TOXAPHENE	UG/KG	30000
CELL 3	TOXAPHENE	UG/KG	280000
DRUMMING 1	TOXAPHENE	UG/KG	11000
DRUMMING 2	TOXAPHENE	UG/KG	32000
DRUMMING 3	TOXAPHENE	UG/KG	310000
DRUMMING 4	TOXAPHENE	UG/KG	500
DRUMMING 5	TOXAPHENE	UG/KG	180
DRUMMING 6	TOXAPHENE	UG/KG	1500

"Method Report Summary"

Accession Number: 705020
Client: VICKSBURG CHEMICAL
Project Number: N/S
Project Name: N/S
Project Location: N/S
Test: CHLORINATED HERBICIDES (8150)

Client Sample Id:	Parameter:	Unit:	Result:
DRUMMING 1	DINOSEB	UG/KG	210000
DRUMMING 2	DINOSEB	UG/KG	99000
DRUMMING 3	DINOSEB	UG/KG	490000
DRUMMING 4	DINOSEB	UG/KG	2800
DRUMMING 5	DINOSEB	UG/KG	920
DRUMMING 6	DINOSEB	UG/KG	4600

TARGET COMPOUND LIST
ORGANOCHLORINE PESTICIDES AND PCB'S BY GC/ECD

OPCL NO.: 97-903MARKED: Vicksburg Chem. Cell 1ANALYSIS OF: SOILDATE COLLECTED: 5/1/97

COMPOUNDS	ML	ppb	COMPOUNDS	ML	ppb
ALPHA BHC	23.4	ND	ENDRIN ALDEHYDE	33.5	ND
GAMMA BHC	16.8	ND	ENDOSULFAN SULFATE	23.4	ND
BETA BHC	15.4	ND	METHOXYCHLOR	57.6	ND
HEPTACHLOR	26.8	ND	DINOSEB	100	ND
DELTA BHC	16.1	ND	ENDRIN KETONE	23.5	ND
ALDRIN	22.8	ND	TOXAPHENE	50	4500.
HEPTACHLOR EPOXIDE	21.4	ND	PCB 1016	36	ND
GAMMA CHLORDANE	24.8	ND	PCB 1221	36	ND
ALPHA CHLORDANE	5.36	ND	PCB 1232	33.5	ND
TECHNICAL CHLORDANE	50	ND	PCB 1242	33.5	ND
ENDOSULFAN I	20.1	ND	PCB 1248	33.5	ND
4,4-DDE	38.9	ND	PCB 1254	33.5	ND
4,4-DDD	33.5	ND	PCB 1260	100	ND
4,4-DDT	54.3	ND	PCB 1262	100	ND
DIELDRIN	29.5	ND			
ENDREN	26.1	ND			
ENDOSULFAN II	26.8	ND			

SURROGATES

RECOVERY (%)

TCMX	100
DCB	99

ML = MINIMUM QUANTIFIABLE LEVEL
 ND = NONE DETECTED ABOVE ML
 MULTIPLE ML BY _____
 ppb in WATER = UG/L
 ppb in SOIL = UG/KG

ANALYST Jackie Key

COMMENTS: _____

**TARGET COMPOUND LIST
ORGANOCHLORINE PESTICIDES AND PCB'S BY GC/ECD**

OPCL NO.: 97-505 MARKED: Vicksburg Chem. Cell 2

ANALYSIS OF: Soil DATE COLLECTED: 5/1/97

COMPOUNDS	ML	ppb	COMPOUNDS	ML	ppb
ALPHA BHC	23.4	ND	ENDRIN ALDEHYDE	33.5	ND
GAMMA BHC	16.8	ND	ENDOSULFAN SULFATE	23.4	ND
BETA BHC	15.4	ND	METHOXYCHLOR	57.6	ND
HEPTACHLOR	26.8	ND	DINOSEB	100	ND
DELTA BHC	16.1	ND	ENDRIN KETONE	23.5	ND
ALDRIN	22.8	ND	TOXAPHENE	50	11500.
HEPTACHLOR EPOXIDE	21.4	ND	PCB 1016	36	ND
GAMMA CHLORDANE	24.8	ND	PCB 1221	36	ND
ALPHA CHLORDANE	5.36	ND	PCB 1232	33.5	ND
TECHNICAL CHLORDANE	50	ND	PCB 1242	33.5	ND
ENDOSULFAN I	20.1	ND	PCB 1248	33.5	ND
4,4-DDE	38.9	ND	PCB 1254	33.5	ND
4,4-DDD	33.5	ND	PCB 1260	100	ND
4,4-DDT	54.3	ND	PCB 1262	100	ND
DIELDRIN	29.5	ND			
ENDRIN	26.1	ND			
ENDOSULFAN II	26.8	ND			

SURROGATES RECOVERY (%)

TCMX	95
DCB	95

ML = MINIMUM QUANTIFIABLE LEVEL
 ND = NONE DETECTED ABOVE ML
 MULTIPLE ML BY _____
 ppb in WATER = UG/L
 ppb in SOIL = UG/KG

ANALYST Jackie Key

COMMENTS: _____

TARGET COMPOUND LIST
ORGANOCHLORINE PESTICIDES AND PCB'S BY GC/ECD

OPCL NO.: 97-907 MARKED: Vicksburg Chem. Cell 3

ANALYSIS OF: SOIL DATE COLLECTED: 5/1/97

COMPOUNDS	ML	ppb	COMPOUNDS	ML	ppb
ALPHA BHC	23.4	ND	ENDRIN ALDEHYDE	33.5	ND
GAMMA BHC	16.8	ND	ENDOSULFAN SULFATE	23.4	ND
BETA BHC	15.4	ND	METHOXYCHLOR	57.5	ND
HEPTACHLOR	26.8	ND	DINOSEB	1000	ND
DELTA BHC	16.1	ND	ENDRIN KETONE	23.5	ND
ALDRIN	22.8	ND	TOXAPHENE	50	18200.
HEPTACHLOR EPOXIDE	21.4	ND	PCB 1016	36	ND
GAMMA CHLORDANE	24.8	ND	PCB 1221	36	ND
ALPHA CHLORDANE	5.36	ND	PCB 1232	33.5	ND
TECHNICAL CHLORDANE	50	ND	PCB 1242	33.5	ND
ENDOSULFAN I	20.1	ND	PCB 1248	33.5	ND
4,4-DDE	38.9	ND	PCB 1254	33.5	ND
4,4-DDD	33.5	ND	PCB 1260	100	ND
4,4-DDT	54.3	ND	PCB 1262	100	ND
DIELDRIN	29.5	ND			
ENDRIN	26.1	ND			
ENDOSULFAN II	26.8	ND			

SURROGATES

RECOVERY (%)

TCMX	94
DCB	100

ML = MINIMUM QUANTIFIABLE LEVEL
 ND = NONE DETECTED ABOVE ML
 MULTIPLE ML BY _____
 ppb in WATER = UG/L
 ppb in SOIL = UG/KG

ANALYST Jackie Key

COMMENTS: _____

TARGET COMPOUND LIST
ORGANOCHLORINE PESTICIDES AND PCB'S BY GC/ECD

OPCL NO.: 97-504MARKED: Vicksburg Chem. C-1ANALYSIS OF: SoilDATE COLLECTED: 5/1/97

COMPOUNDS	ML	ppb	COMPOUNDS	ML	ppb
ALPHA BHC	23.4	ND	ENDRIN ALDEHYDE	33.5	ND
GAMMA BHC	16.8	ND	ENDOSULFAN SULFATE	23.4	ND
BETA BHC	15.4	ND	METHOXYCHLOR	57.6	ND
HEPTACHLOR	26.8	ND	DINOSEB	100	37300
DELTA BHC	16.1	ND	ENDRIN KETONE	23.5	ND
ALDRIN	22.8	ND	TOXAPHEN	50	2000
HEPTACHLOR EPOXIDE	21.4	ND	PCB 1016	36	ND
GAMMA CHLORDANE	24.8	ND	PCB 1221	36	ND
ALPHA CHLORDANE	5.36	ND	PCB 1232	33.5	ND
TECHNICAL CHLORDANE	50	ND	PCB 1242	33.5	ND
ENDOSULFAN I	20.1	ND	PCB 1248	33.5	ND
4,4-DDE	38.9	ND	PCB 1254	33.5	ND
4,4-DDD	33.5	ND	PCB 1260	100	ND
4,4-DDT	54.3	ND	PCB 1262	100	ND
DIELDRIN	29.5	ND			
ENDRIN	26.1	ND			
ENDOSULFAN II	26.8	ND			

SURROGATES

RECOVERY (%)

TCMX	91
DCB	91

ML = MINIMUM QUANTIFIABLE LEVEL
 ND = NONE DETECTED ABOVE ML
 MULTIPLE ML BY _____
 ppb in WATER = UG/L
 ppb in SOIL = UG/KG

ANALYST Jackie Key

COMMENTS: _____

TARGET COMPOUND LIST
ORGANOCHLORINE PESTICIDES AND PCB'S BY GC/ECD

OPCL NO.: 97-906 MARKED: Vicksburg Chem. C 2

ANALYSIS OF: Soil DATE COLLECTED: 5/1/97

COMPOUNDS	MQL	ppb	COMPOUNDS	MQL	ppb
ALPHA BHC	23.4	ND	ENDRIN ALDEHYDE	33.5	ND
GAMMA BHC	16.8	ND	ENDOSULFAN SULFATE	23.4	ND
BETA BHC	15.4	ND	METHOXYCHLOR	57.6	ND
HEPTACHLOR	26.8	ND	DINOSEB	1000	118000
DELTA BHC	16.1	ND	ENDRIN KETONE	23.5	ND
ATDRIN	22.8	ND	TOXAPHEN	50	12900
HEPTACHLOR EPOXIDE	21.4	ND	PCB 1016	36	ND
GAMMA CHLORDANE	24.8	ND	PCB 1221	36	ND
ALPHA CHLORDANE	5.36	ND	PCB 1232	33.5	ND
TECHNICAL CHLORDANE	50	ND	PCB 1242	33.5	ND
ENDOSULFAN I	20.1	ND	PCB 1248	33.5	ND
4,4-DDE	38.9	ND	PCB 1254	33.5	ND
4,4-DDD	33.5	ND	PCB 1260	100	ND
4,4-DDT	54.3	ND	PCB 1262	100	ND
DIELDRIN	29.5	ND			
ENDRIN	26.1	ND			
ENDOSULFAN II	26.8	ND			

SURROGATES

RECOVERY (%)

TCMX	95
DCB	97

MQL = MINIMUM QUANTIFIABLE LEVEL
 ND = NONE DETECTED ABOVE MQL
 MULTIPLE MQL BY _____
 ppb in WATER = UG/L
 ppb in SOIL = UG/KG

ANALYST Jackie Key

COMMENTS: _____

**TARGET COMPOUND LIST
ORGANOCHLORINE PESTICIDES AND PCB'S BY GC/ECD**

OPCL NO.: 97-906MARKED: Vicksburg Chem. CoANALYSIS OF: SoilDATE COLLECTED: 5/1/97

COMPOUNDS	MQL	ppb	COMPOUNDS	MQL	ppb
ALPHA BHC	21.4	ND	ENDRIN ALDEHYDE	33.5	ND
GAMMA BHC	16.8	ND	ENDOSULFAN SULFATE	23.4	ND
BETA BHC	15.4	ND	METHOXYCHLOR	57.6	ND
HEPTACHLOR	26.8	ND	DINOSEB	1000	824000
DELTA BHC	16.1	ND	ENDRIN KETONE	23.5	ND
ATDRYN	22.8	ND	TOXAPHENE	50	32000
HEPTACHLOR EPOXIDE	21.4	ND	PCB 1016	36	ND
GAMMA CHLORDANE	24.8	ND	PCB 1221	36	ND
ALPHA CHLORDANE	5.36	ND	PCB 1232	33.5	ND
TECHNICAL CHLORDANE	50	ND	PCB 1242	33.5	ND
ENDOSULFAN I	30.1	ND	PCB 1248	33.5	ND
4,4-DDE	38.9	ND	PCB 1254	33.5	ND
4,4-DDD	33.5	ND	PCB 1260	100	ND
4,4-DDT	54.2	ND	PCB 1262	100	ND
DIELDRIN	29.5	ND			
ENDRIN	26.1	ND			
ENDOSULFAN II	26.8	ND			

SURROGATES

RECOVERY (%)

TCMX	96
DCB	99

MQL = MINIMUM QUANTIFIABLE LEVEL
 ND = NONE DETECTED ABOVE MQL.
 MULTIPLE MQL BY _____
 ppb in WATER = UG/L
 ppb in SOIL = UG/KG

ANALYST: Jackie Key

COMMENTS: _____

**TARGET COMPOUND LIST
ORGANOCHLORINE PESTICIDES AND PCB'S BY GC/ECD**

OPCL NO.: 97-909 MARKED: VICKSBURG Chem. Co

ANALYSIS OF: Soil DATE COLLECTED: 5/1/97

COMPOUNDS	MQL	ppb	COMPOUNDS	MQL	ppb
ALPHA BHC	23.4	ND	ENDRIN ALDEHYDE	33.5	ND
GAMMA BHC	16.8	ND	ENDOSULFAN SULFATE	23.4	ND
BETA BHC	15.4	ND	METHOXYCHLOR	57.6	ND
HEPTACHLOR	26.8	ND	DINOSES	1000	ND
DELTA BHC	16.1	ND	ENDRIN KETONE	23.5	ND
ALDRIN	22.8	ND	TOXAPHENE	50	490
HEPTACHLOR EPOXIDE	21.4	ND	PCB 1016	36	ND
GAMMA CHLORDANE	24.8	ND	PCB 1221	36	ND
ALPHA CHLORDANE	5.36	ND	PCB 1232	33.5	ND
TECHNICAL CHLORDANE	50	ND	PCB 1242	33.5	ND
ENDOSULFAN I	20.1	ND	PCB 1248	33.5	ND
4,4-DDE	38.9	ND	PCB 1254	33.5	ND
4,4-DDD	33.5	ND	PCB 1260	100	ND
4,4-DDT	54.3	ND	PCB 1262	100	ND
DIELDRIN	29.5	ND			
ENDRIN	26.1	ND			
ENDOSULFAN II	26.8	ND			

SURROGATES

RECOVERY (%)

TCMX	92
DCB	87

MQL = MINIMUM QUANTIFIABLE LEVEL
 ND = NONE DETECTED ABOVE MQL
 MULTIPLE MQL BY _____
 ppb in WATER = UG/L
 ppb in SOIL = UG/KG

ANALYST Jackie Kay

COMMENTS: _____

TARGET COMPOUND LIST
ORGANOCHLORINE PESTICIDES AND PCB'S BY GC/ECD

OPCL NO.: 97-910MARKED: VICKSBURG Chem. C5ANALYSIS OF: SoilDATE COLLECTED: 5/1/97

COMPOUNDS	MQL	ppb	COMPOUNDS	MQL	ppb
ALPHA BHC	23.4	ND	ENDRIN ALDEHYDE	33.5	ND
GAMMA BHC	16.8	ND	ENDOSULFAN SULFATE	23.4	ND
BETA BHC	15.4	ND	METHOXYCHLOR	57.6	ND
HEPTACHLOR	26.8	ND	DINOSEB	1000	ND
DELTA BHC	16.1	ND	ENDRIN KETONE	21.5	ND
ALDRIN	22.8	ND	TOXAPHENE	50	256
HEPTACHLOR EPOXIDE	21.4	ND	PCB 1016	36	ND
GAMMA CHLORDANE	24.8	ND	PCB 1221	36	ND
ALPHA CHLORDANE	5.36	ND	PCB 1232	33.5	ND
TECHNICAL CHLORDANE	50	ND	PCB 1242	33.5	ND
ENDOSULFAN I	20.1	ND	PCB 1248	33.5	ND
4,4-DDE	38.9	ND	PCB 1254	33.5	ND
4,4-DDD	33.5	ND	PCB 1260	100	ND
4,4-DDT	54.3	ND	PCB 1262	100	ND
DIKLUMIN	29.5	ND			
ENDRIN	26.1	ND			
ENDOSULFAN II	26.8	ND			

SURROGATES

RECOVERY (%)

TCMX	97
DCB	92

MQL = MINIMUM QUANTIFIABLE LEVEL
 ND = NONE DETECTED ABOVE MQL
 MULTIPLE MQL BY _____
 ppb in WATER = UG/L
 ppb in SOIL = UG/KG

ANALYST Jackie KeyCOMMENTS: _____

TARGET COMPOUND LIST
ORGANOCHLORINE PESTICIDES AND PCB'S BY GC/BCD

OPCL NO.: 97-911 MARKED: Vicksburg Chem. Co

ANALYSIS OF: Soil DATE COLLECTED: 5/1/97

COMPOUNDS	MQL	ppb	COMPOUNDS	MQL	ppb
ALPHA BHC	23.4	ND	ENDRIN ALDEHYDE	33.5	ND
GAMMA BHC	16.8	ND	ENDOSULFAN SULFATE	23.4	ND
BETA BHC	15.4	ND	METHOXYCHLOR	57.6	ND
HEPTACHLOR	26.8	ND	DINOSEB	1000	ND
DELTA BHC	16.1	ND	ENDRIN KETONE	23.5	ND
ALDRIN	22.8	ND	TOXAPHENE	50	3740
HEPTACHLOR EPOXIDE	21.4	ND	PCB 1016	36	ND
GAMMA CHLORDANE	24.8	ND	PCB 1221	36	ND
ALPHA CHLORDANE	5.36	ND	PCB 1232	33.5	ND
TECHNICAL CHLORDANE	50	ND	PCB 1242	33.5	ND
ENDOSULFAN I	20.1	ND	PCB 1248	23.5	ND
4,4-DDE	38.9	ND	PCB 1254	33.5	ND
4,4-DDD	33.5	ND	PCB 1260	100	ND
4,4-DDT	54.3	ND	PCB 1262	100	ND
DIELDRIN	29.5	ND			
ENDRIN	26.1	ND			
ENDOSULFAN II	26.8	ND			

SURROGATES

RECOVERY (%)

TCMX	99
DCB	103

MQL = MINIMUM QUANTIFIABLE LEVEL
 ND = NONE DETECTED ABOVE MQL
 MULTIPLE MQL BY _____
 ppb in WATER = UG/L
 ppb in SOIL = UG/KG

ANALYST Jackie Key

COMMENTS: _____



Memo To: Steve Boswell

June 5, 1997

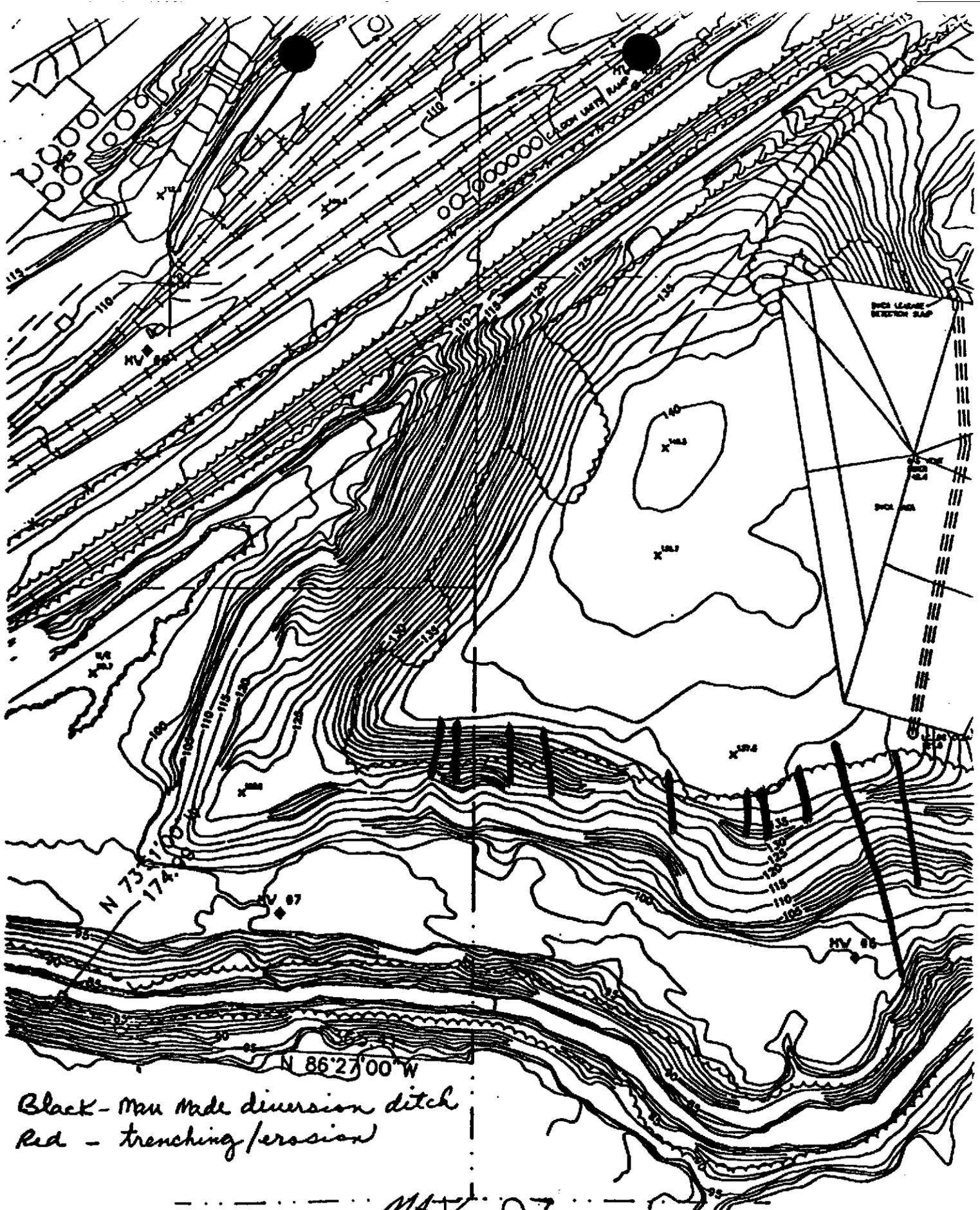
From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill is now covered with dredged material from the "C" pond of the South Pond. Growth of grass has continued since placement of the material from the pond. Complete coverage has not yet been achieved. The ground is not yet firm enough to drive over. As soon as the surface permits, it needs to be graded to allow mowing. No discolored soil is visible.

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767



Black - Man Made diversion ditch
 Red - trenching/erosion

MAY 97
 MONTHLY INSPECTION

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 5-26-97 TO 6-1-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 5-26 Inspected by BGW

Results of inspection Good

2. South Pond - Record level daily, keep a minimum foreboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
5-26	8'10"	BGW	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
5-27	9'6"	BGW	
5-28	8'0"	BGW	
5-29	7'9"	BGW	
5-30	7'2"	BGW	
5-31	6'6"	<i>[Signature]</i>	
6-1	5'10"	<i>[Signature]</i>	

Results of weekly inspection and actions taken:

5-27-97 RIVER LINE OK @ 84'

5-29-97 - RIVER LINE OK @ 83'

125125

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 5-19-97 TO 5-25-97

- 1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 5-19-97 Inspected by [Signature]

Results of inspection _____
good

- 2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, seeping, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
5-19-97	4'2"	[Signature]	Report needs for corrective action to:
5-20-97	4'2"	[Signature]	
5-21-97	3'7"	[Signature]	
5-22-97	3'4"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
5-23-97	4'6"	[Signature]	
5-24-97	5'4"	Blw	
5-25-97	7'2"	Blw	

5-19-97
River line ok 80"
5-20-97
River line ok 80"

Results of weekly inspection and actions taken:

Grass needs cutting

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 5-12-97 TO 5-18-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 5-12-97 Inspected by JY

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, seeping, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>5-12-97</u>	<u>8'8"</u>	<u>JY</u>	Report needs for corrective action to:
<u>5-13-97</u>	<u>8'0"</u>	<u>JY</u>	
<u>5-14-97</u>	<u>7'6"</u>	<u>JY</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>5-15-97</u>	<u>6'4"</u>	<u>JW</u>	
<u>5-16-97</u>	<u>5'1"</u>	<u>BHW</u>	80°
<u>5-17-97</u>	<u>4'8"</u>	<u>JY</u>	5-12-97 Riverline SR
<u>5-18-97</u>	<u>4'5"</u>	<u>JY</u>	5-14-97 " " ok 80°

Results of weekly inspection and actions taken:

Grass on dykes need cutting
RIVER LINE OK

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 5-5-97 TO 5-11-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 5-5-97 Inspected by [Signature]
 Results of inspection OK

2. South Pond - Record level daily, keep a minimum foreboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
5-5	6'11"	[Signature]	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
5-6	8'1"	[Signature]	
5-7	7'0"	[Signature]	
5-8	8'0"	[Signature]	
5-9	7'8"	[Signature]	
5-10	7'0"	[Signature]	
5-11	8'0"	[Signature]	

Results of weekly inspection and actions taken:

GRASS HIGH Riser line OK

EX-
88441
0900

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 4-28-97 TO 5-3-97

- 1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 4-28-97 Inspected by Bhw

Results of inspection good

- 2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
4-28	5'2"	Bhw
4-29	6'8"	Bhw
4-30	7'8"	Bhw
5-1	7'4"	Bhw
5-2	7'4"	Bhw
5-3	7'11"	<i>[Signature]</i>
5-4	6'2"	<i>[Signature]</i>

Report needs for corrective action to:
 Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.
 4-30. RIVERLINE ok @ 79°

Results of weekly inspection and actions taken:

River line ok

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RETURN RECEIPT REQUESTED
P 521717 375

VICKSBURG
chemical company

RECEIVED
MAY - 7 1997
Dept. of Environmental Quality
Office of Pollution Control

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

May 5, 1997

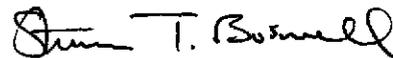
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Sixty-One

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

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CERTIFIED MAIL
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P 524 717 376

VICKSBURG
chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
100 Alabama Street, SW
Atlanta, Georgia 30303

May 5, 1997

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Sixty-One

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Sixty-One, for the month of April, 1997. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill following sediment placement from the cleaning of the "C" Pond within the South Pond (SWMU 2) has been outstanding. Bermuda grass has re-emerged from winter dormancy and is in excellent condition.

Summary of Changes made to the IM and RFI during the Reporting Period

Cedar scheduled follow-up sampling on May 5, 1997, to the sampling of SWMUs 1, 16 and 17, performed in February, 1997. The follow-up sampling will cover four locations where slightly elevated toxaphene levels were detected. Six locations will be sampled and analyzed for arsenic in an effort to determine the local background. Sampling was actually carried-out on May 1 and 2.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

The Potassium People

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Projected Work for the Month

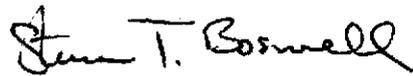
Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared. Sampling of the Temporary Unit for toxaphene and Dinoseb Drumming Building floor (SWMU 9) for dinoseb and toxaphene was planned for late April or early May, and was conducted on May 1, 1997. MSDEQ was present for the activity and split samples with Cedar.

Results of Sampling and Analysis Activities during the Report Period

A summary of significant results of the investigation of SWMUs 1, 16 and 17, was telefaxed to Dr. Judy Sophianopoulos. Further sampling in those areas has been performed, and results are anticipated to be available in approximately four weeks.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

EX-
58441
0400

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 4-28-97 TO 5-3-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 4-28-97 Inspected by Bbw

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
4-28	5'2"	Bbw
4-29	6'8"	Bbw
4-30	7'8"	Bbw
5-1	7'4"	Bbw
5-2	7'4"	Bbw
5-3	7'11"	[Signature]
5-4	6'2"	[Signature]

Report needs for corrective action to:

Maintenance Planner
Shift Supervisor
South Plant Supervisor
Environmental Dept.

4-30. RIVERLINE OK @ 79°

Results of weekly inspection and actions taken:

River line ok

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 4-21-97 TO 4-27-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 4-21-97 Inspected by JS

Results of inspection good no drums

2. South Pond - Record level daily, keep a minimum foreboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
4-21-97	8'1"	JS	Report needs for corrective action to:
4-22-97	8'6"	JS	
4-23-97	8'0"	JS	
4-24-97	7'10"	JS	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
4-25-97	7'11"	JS	
4-26-97	5'10"	Bhw	
4-27-97	4'8"	Bhw	

4-22-97 River line ok 79°

Results of weekly inspection and actions taken:

good

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 4-14-97 TO 4-20-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 4-14-97 Inspected by [Signature]

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
4-14-97	6'10"	[Signature]	Report needs for corrective action to:
4-15-97	8'0"	[Signature]	
4-16-97	7'3"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
4-17-97	6'10"	[Signature]	
4-18-97	6'6"	[Signature]	
4-19-97	6'4"	[Signature]	
4-20-97	7'3"	[Signature]	

Results of weekly inspection and actions taken:

4-14
0730- RIVER LINE OK @ 70'

GRASS HAS BEEN CUT ON DAMS.

4-17-97 70' river line OK.

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 4-7-97 TO 4-13-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 4-7-97 Inspected by [Signature]

Results of inspection OK

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
4-7-97	5'1"	[Signature]	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
4-8-97	4'0"	[Signature]	
4-9-97	3'8"	[Signature]	
4-10-97	3'6"	[Signature]	
4-11-97	4'4"	[Signature]	
4-12-97	5'0"	[Signature]	
4-13-97	6'0"	[Signature]	

Results of weekly inspection and actions taken:

RIVER LINE OK

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 3-31 TO 4-6

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 3-31-97 Inspected by Bgw

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
3-31-97	9'8"	Bgw
4-1-97	9'0"	Bgw
4-2-97	8'4"	Bgw
4-3-97	7'10"	JS
4-4-97	8'0"	Bgw
4-5-97	8'3"	JS
4-6-97	6'6"	JS

Report needs for corrective action to:

Maintenance Planner
Shift Supervisor
South Plant Supervisor
Environmental Dept.

Results of weekly inspection and actions taken:

Run line over



Memo To: Steve Boswell

May 6, 1997

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill is now covered with dredged material from the "C" pond of the South Pond. Growth of grass has continued since placement of the material from the pond. Complete coverage has not yet been achieved. The ground is not yet firm enough to drive over. As soon as the surface permits, it needs to be graded to allow mowing. No discolored soil is visible.

The Potassium People

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P 521716 502

VICKSBURG
chemical company

RECEIVED
APR 11 1997
Dept. of Environmental Quality
Office of Pollution Control

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

April 9, 1997

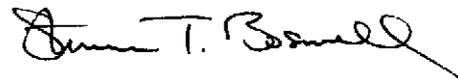
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Sixty

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

VICKSBURG

chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
100 Alabama Street, SW
Atlanta, Georgia 30303

April 9, 1997

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Sixty

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Sixty, for the month of March, 1997. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Grass growth on the Old Landfill following sediment placement from the cleaning of the "C" Pond within the South Pond (SWMU 2) has been outstanding. Bermuda grass is beginning to re-emerge from winter dormancy and is in excellent condition.

Summary of Changes made to the IM and RFI during the Reporting Period

Cedar performed sampling of SWMUs 1, 16, and 17 during the month of February, 1997. A Workplan for the sampling was prepared and sent to Dr. Judy Sophianopoulos at Region IV. Although this work was not approved in advance by EPA, the Workplan was prepared and followed with the intent of obtaining useful data to allow the evaluation of contamination in these SWMUs.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

The Potassium People

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Bus: (601) 636-1231 • Fax: (601) 636-5767

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared. Sampling of the Temporary Unit for toxaphene and Dinoseb Drumming Building floor (SWMU 9) for dinoseb and toxaphene is planned for late April or early May. An effort to co-ordinate with EPA or MSDEQ will be made.

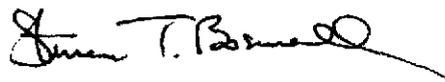
Results of Sampling and Analysis Activities during the Report Period

None.

As described in a January 30, 1997, letter to Dr. Judy Sophianopoulos, Cedar began an investigation in SWMUs 1, 16 and 17, on February 12, 1997. A workplan for this investigation was prepared by Woodward-Clyde Consultants and a copy was sent to Dr. Sophianopoulos and Mr. Kevin Posey at MSDEQ. The report of this investigation, anticipated to be available at approximately this date, is not yet complete, but completion is anticipated within two weeks. The results should be forwarded to USEPA and MSDEQ within thirty days.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 3-31 TO 4-6

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 3-31-97 Inspected by BGW

Results of inspection good

2. South Pond - Record level daily, keep a minimum foreboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
3-31-97	9'8"	BGW
4-1-97	9'0"	BGW
4-2-97	8'4"	BGW
4-3-97	7'10"	BGW
4-4-97	8'0"	BGW
4-5-97	8'3"	BGW
4-6-97	6'6"	BGW

Report needs for corrective action to:

Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

Review line one

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 3-24-97 TO 3-30-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 3-24-97 Inspected by [Signature]

Results of inspection good

2. South Pond - Record level daily, keep a minimum foreboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>3-24-97</u>	<u>6'3"</u>	<u>[Signature]</u>	Report needs for corrective action to:
<u>3-25-97</u>	<u>6'2"</u>	<u>[Signature]</u>	
<u>3-26-97</u>	<u>5'6"</u>	<u>[Signature]</u>	
<u>3-27-97</u>	<u>5'6"</u>	<u>[Signature]</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>3-28-97</u>	<u>5'5"</u>	<u>[Signature]</u>	
<u>3-29-97</u>	<u>7'2"</u>	<u>Blw</u>	3-24-97 River line @ 74°
<u>3-30-97</u>	<u>8'6"</u>	<u>Blw</u>	3-25-97 River line @ 73°

Results of weekly inspection and actions taken:

GRASS could be cut on dikes. Some GRASS HAS BEEN CUT.

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 3-17-97 TO 3-23-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 3-17-97 Inspected by Bhw

Results of inspection OK

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>3-17-97</u>	<u>8' 2"</u>	<u>Bhw</u>	Report needs for corrective action to:
<u>3-18-97</u>	<u>9' 3"</u>	<u>Bhw</u>	
<u>3-19-97</u>	<u>5' 11"</u>	<u>Jw</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>3-20-97</u>	<u>10' 0"</u>	<u>Jw</u>	
<u>3-21-97</u>	<u>5' 4"</u>	<u>Bhw</u>	
<u>3-22-97</u>	<u>6' 2"</u>	<u>Jw</u>	3-18-97 River line ok - 8' 3"
<u>3-23-97</u>	<u>6' 2"</u>	<u>Jw</u>	

Results of weekly inspection and actions taken:

3-17-97 - GRASS & WEEDS NEED TO BE CUT

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 3-10 TO 3-16

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 3/10/97 Inspected by [Signature]

Results of inspection _____

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
3-10-97	6'11"	[Signature]	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
3-11-97	7'6"	[Signature]	
3-12-97	6'2"	BHW	
3-13-97	5'5"	[Signature]	
3-14-97	5'5"	[Signature]	
3-15-97	5'6"	[Signature]	
3-16-97	6'11"	BHW	

Results of weekly inspection and actions taken:

3/10/97
01:41 Every Day Temp 81°
Lower Temp of

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 3-3-97 TO 3-9-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 3-3-97 Inspected by Bhw

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
3-3-97	8' 0"	Bhw	Report needs for corrective action to:
3-4-97	8' 1"	Bhw	
3-5-97	8' 0"	Bhw	
3-6-97	6' 8"	Bhw	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
3-7-97	5' 6"	Bhw	
3-8-97	5' 5"	<i>[Signature]</i>	3/3/97 - RIVER LINE ok @ 66"
3-9-97	5' 10"	<i>[Signature]</i>	3/6/97 - RIVER LINE ok @ 68"

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 2-24-97 TO 3-2-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 2-24-97 Inspected by [Signature]

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
2-24-97	9'8"	[Signature]	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
2-25-97	10'0"	[Signature]	
2-26-97	8'2"	[Signature]	
2-27-97	5'6"	[Signature]	
2-28-97	5'2"	[Signature]	
3-1-97	6'0"	Bhu	
3-2-97	7'1"	Bba	

2-26-97 River line H 64°

Results of weekly inspection and actions taken:

good



Memo To: Steve Boswell

April 9, 1997

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill is now covered with dredged material from the "C" pond of the South Pond. Growth of grass has continued since placement of the material from the pond. Complete coverage has not yet been achieved. The ground is not yet firm enough to drive over. As soon as the surface permits, it needs to be graded to allow mowing. No discolored soil is visible.

The Potassium People

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CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 875 308 569

VICKSBURG
chemical company

RECEIVED
MAR - 7 1997
Dept. of Environmental Quality
Office of Pollution Control

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

March 4, 1997

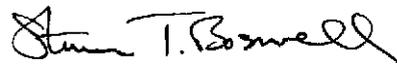
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Fifty-Nine

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

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VICKSBURG

chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
100 Alabama Street, SW
Atlanta, Georgia 30303

March 4, 1997

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Fifty-Nine

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Fifty-Nine, for the month of February, 1997. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins.

Summary of Changes made to the IM and RFI during the Reporting Period

Cedar performed sampling of SWMUs 1, 16, and 17 during the month of February, 1997. A Workplan for the sampling was prepared and sent to Dr. Judy Sophianopoulos at Region IV. Although this work was not approved in advance by EPA, the Workplan was prepared and followed with the intent of obtaining useful data to allow the evaluation of contamination in these SWMUs.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared. As described in a January 30, 1997, letter to Dr. Judy Sophianopoulos, Cedar began an

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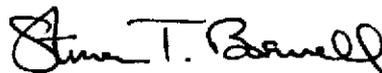
investigation in SWMUs 1, 16 and 17, on February 12, 1997. A workplan for this investigation was prepared by Woodward-Clyde Consultants and a copy was sent to Dr. Sophianopoulos and Mr. Kevin Posey at MSDEQ. A report of the investigation is anticipated to be available in approximately one month.

Results of Sampling and Analysis Activities during the Report Period

None.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 2-24-97 TO 3-2-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 2-24-97 Inspected by [Signature]

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>2-24-97</u>	<u>9'8"</u>	<u>[Signature]</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>2-25-97</u>	<u>10'0"</u>	<u>[Signature]</u>	
<u>2-26-97</u>	<u>8'2"</u>	<u>[Signature]</u>	
<u>2-27-97</u>	<u>5'6"</u>	<u>[Signature]</u>	
<u>2-28-97</u>	<u>5'2"</u>	<u>[Signature]</u>	
<u>3-1-97</u>	<u>6'0"</u>	<u>Bhu</u>	
<u>3-2-97</u>	<u>7'1"</u>	<u>Bhu</u>	

Review line K 64°

Results of weekly inspection and actions taken:

good

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 2-17-97 TO 2-23-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 2-17-97 Inspected by JG

Results of inspection no drums good

2. South Pond - Record level daily, keep a minimum fenceboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
2-17-97	7'4"	JG	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
2-18-97	6'10"	JG	
2-19-97	7'9"	JG	
2-20-97	7'5"	JG	
2-21-97	7'0"	JG	
2-22-97	6'6"	JG	
2-23-97	8'1"	JG	

Results of weekly inspection and actions taken:

good
since line OK

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 2-10-97 TO 2-16-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 2-10-97 Inspected by JW

Results of inspection No DRUMS

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
2-10-97	5'8"	JW	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
2-11-97	5'5"	JW	
2-12-97	6'0"	JW	
2-13-97	4'11"	JW	
2-14-97	6'0"	JW	
2-15-97	5'10"	JB	
2-16-97	6'2"	JB	

Results of weekly inspection and actions taken:

River line OK 61°

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 2-3-97 TO 2-9-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 2-3-97 Inspected by BGW

Results of inspection Good NO drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>2-3-97</u>	<u>9'3"</u>	<u>BGW</u>	Report needs for corrective action to:
<u>2-4-97</u>	<u>9'8"</u>	<u>BGW</u>	
<u>2-5-97</u>	<u>9'8"</u>	<u>BGW</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>2-6-97</u>	<u>9'0"</u>	<u>BGW</u>	
<u>2-7-97</u>	<u>6'10"</u>	<u>BGW</u>	
<u>2-8-97</u>	<u>6'10"</u>	<u>[Signature]</u>	<u>2-5-97. Pond LINE TO RIVER ok @ 64'</u>
<u>2-9-97</u>	<u>6'1"</u>	<u>[Signature]</u>	<u>2-7-97 RIVER LINE ok @ 65'</u>

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 1-27-97 TO 2-2-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1-27-97 Inspected by JS

Results of inspection good no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
1-27-97	7'10"	JS	Report needs for corrective action to:
1-28-97	7'6"	JS	
1-29-97	7'3"	JS	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
1-30-97	7'0"	JS	
1-31-97	8'0"	JS	
2-1-97	7'4"	BHW	1-27-97 River line ok - 67°
2-2-97	9'10"	BHW	1-31-97 River line ok 64°

Results of weekly inspection and actions taken:

good



Memo To: Steve Boswell

March 5, 1997

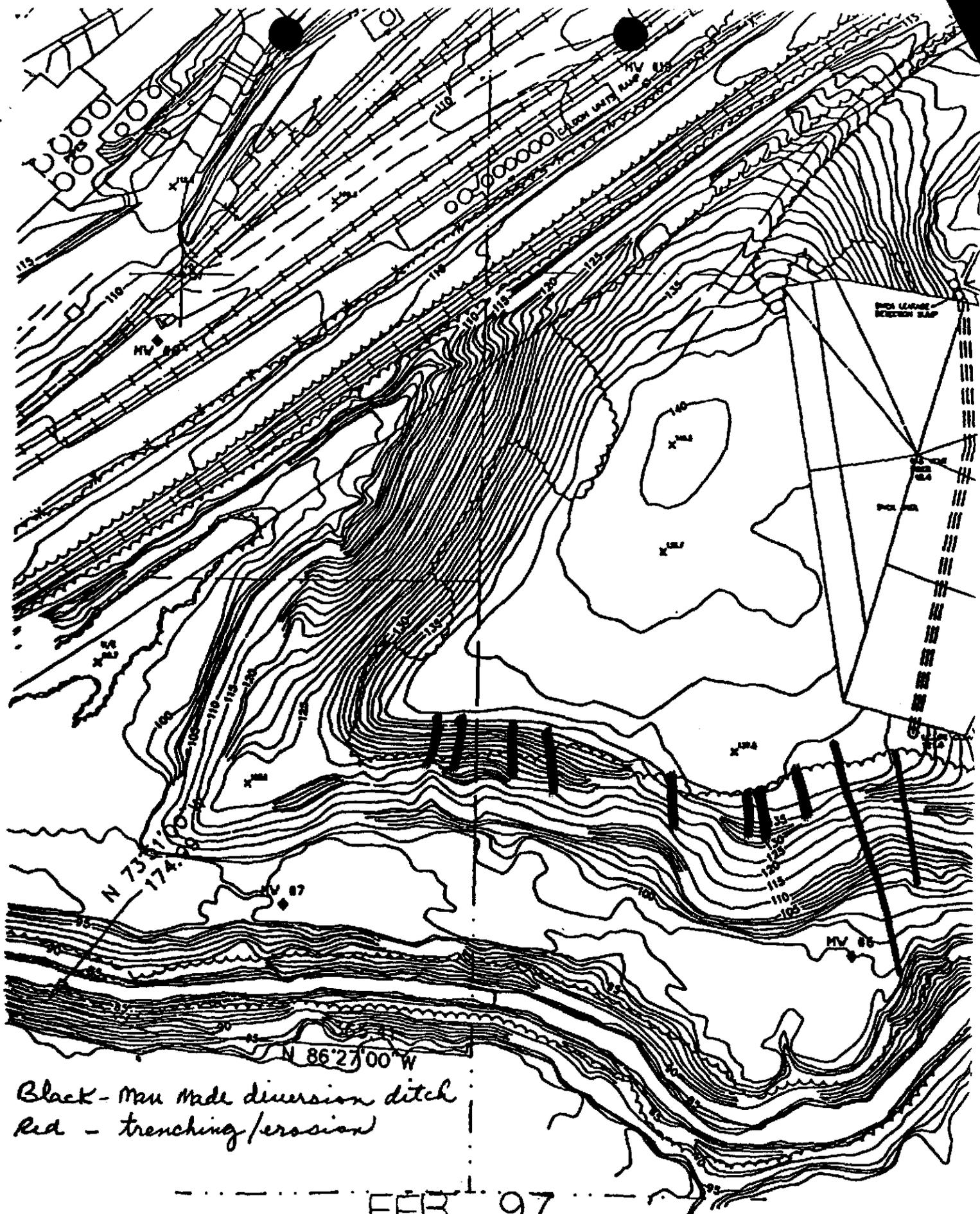
From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill is now covered with dredged material from the "C" pond of the South Pond. Growth of grass has continued since placement of the material from the pond. Complete coverage has not yet been achieved. No discolored soil is visible.

The Potassium People

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Black - Man Made diversion ditch
 Red - trenching/erosion

FEB 97
 MONTHLY INSPECTION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 875 308 562

VICKSBURG
chemical company

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

RECEIVED
FEB - 7 1997
Dept. of Environmental Quality
Office of Pollution Control

February 7, 1997

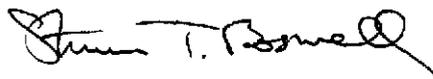
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Fifty-Eight

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

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Vicksburg

chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
100 Alabama Street, SW
Atlanta, Georgia 30303

February 7, 1997

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Fifty-Eight

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Fifty-Eight, for the month of January, 1997. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared. As described in a January 30, 1997, letter to Dr. Judy Sophianopolos, Cedar will begin an investigation in SWMUs 1, 16 and 17. A workplan for this investigation has been prepared by Woodward-Clyde Consultants and a copy was sent to Dr. Sophianopoulos and Mr. Kevin Posey at

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

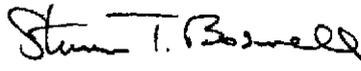
MSDEQ. Work is scheduled to begin February 10, 1997. A report of the investigation is anticipated to be available in approximately two months.

Results of Sampling and Analysis Activities during the Report Period

None.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 1-27-97 TO 2-2-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1-27-97 Inspected by Jy

Results of inspection Good no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>1-27-97</u>	<u>7'10"</u>	<u>Jy</u>	Report needs for corrective action to:
<u>1-28-97</u>	<u>7'6"</u>	<u>Jy</u>	
<u>1-29-97</u>	<u>7'3"</u>	<u>Jy</u>	
<u>1-30-97</u>	<u>7'0"</u>	<u>Jy</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>1-31-97</u>	<u>8'0"</u>	<u>Jy</u>	
<u>2-1-97</u>	<u>7'4"</u>	<u>BHW</u>	<u>1-27-97 River line ok - 69"</u>
<u>2-2-97</u>	<u>9'10"</u>	<u>BHW</u>	<u>1-31-97 River line ok 64"</u>

Results of weekly inspection and actions taken:

good

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 1-20-97 TO 1-26-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1-20-97 Inspected by [Signature]

Results of inspection OK

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
1-20-97	3'10"	[Signature]	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
1-21-97	3'9"	[Signature]	
1-22-97	4'1"	[Signature]	
1-23-97	4'8"	[Signature]	
1-24-97	5'8"	[Signature]	
1-25-97	5'4"	[Signature]	
1-26-97	6'4"	[Signature]	

Results of weekly inspection and actions taken:

1/20/97 07:30 Liver Level OK + 60

1/21/97 09:00 " " " " "

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 1-13 TO 1-19

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1-13 Inspected by JW
 Results of inspection OK

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
1-13-97	8'6"	<u>JW</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
1-14-97	9'3"	<u>JW</u>	
1-15-97	9'10"	<u>JW</u>	
1-16-97	9'4"	<u>JW</u>	
1-17-97	9'3"	<u>JW</u>	
1/18/97	6'9"	<u>JW</u>	
1/19/97	4'10"	<u>JW</u>	

Results of weekly inspection and actions taken:

None OK

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 1/6/97 TO 1/12/97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1/6/97 Inspected by [Signature]

Results of inspection _____

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
<u>1/6/97</u>	<u>9'8"</u>	<u>[Signature]</u>
<u>1-7-97</u>	<u>7'6"</u>	<u>[Signature]</u>
<u>1/8/97</u>	<u>6'4"</u>	<u>[Signature]</u>
<u>1-9-97</u>	<u>5'6"</u>	<u>[Signature]</u>
<u>1-10-97</u>	<u>6'4"</u>	<u>[Signature]</u>
<u>1-11-97</u>	<u>6'6"</u>	<u>[Signature]</u>
<u>1-12-97</u>	<u>7'10"</u>	<u>[Signature]</u>

Report needs for corrective action to:
 Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.
 Riverline Dr 58°

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 12-30-96 TO 1-5-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 12-30-96 Inspected by JS

Results of inspection no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>12-30-96</u>	<u>6'8"</u>	<u>JS</u>	Report needs for corrective action to: Maintenance Planner Shift Superisior South Plant Supervisor Environmental Dept.
<u>12-31-96</u>	<u>5'10"</u>	<u>JS</u>	
<u>1-1-97</u>	<u>5'2"</u>	<u>JS</u>	
<u>1-2-97</u>	<u>4'10"</u>	<u>JS</u>	
<u>1-3-97</u>	<u>6'0"</u>	<u>JS</u>	
<u>1-4-97</u>	<u>8'2"</u>	<u>Bhw</u>	
<u>1-5-97</u>	<u>10.0</u>	<u>Bhw</u>	

Results of weekly inspection and actions taken:

good

Run line OK



Memo To: Steve Boswell

February 5, 1997

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill is now covered with dredged material from the "C" pond of the South Pond. Growth of grass has continued since placement of the material from the pond. Complete coverage has not yet been achieved. No discolored soil is visible.

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767



Black - Man Made diversion ditch
 Red - trenching/erosion

JAN 97
 MONTHLY INSPECTION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 875 307 663

VICKSBURG
chemical company

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

RECEIVED
JAN 10 1997
Dept. of Environmental Quality
Office of Pollution Control

January 10, 1997

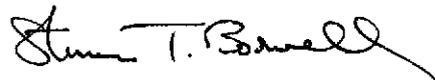
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Fifty-Seven

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

VICKSBURG

chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
100 Alabama Street, SW
Atlanta, Georgia 30303

January 10, 1997

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Fifty-Seven

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Fifty-Seven, for the month of December, 1996. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan Draft, responses to comments will be prepared.

The Potassium People

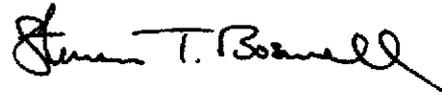
P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Results of Sampling and Analysis Activities during the Report Period

None.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 12-30-96 TO 1-5-97

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 12-30-96 Inspected by JS

Results of inspection no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>12-30-96</u>	<u>6'8"</u>	<u>JS</u>	Report needs for corrective action to:
<u>12-31-96</u>	<u>5'10"</u>	<u>JS</u>	
<u>1-1-97</u>	<u>5'2"</u>	<u>JS</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>1-2-97</u>	<u>4'10"</u>	<u>JS</u>	
<u>1-3-97</u>	<u>6'0"</u>	<u>JS</u>	
<u>1-4-97</u>	<u>8'2"</u>	<u>Bhw</u>	
<u>1-5-97</u>	<u>10.0</u>	<u>Bhw</u>	

Results of weekly inspection and actions taken:

good

Run line OK

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 12/23 TO 12/29/96

1. Drums in 90 Day Storage - Inspect weekly for leaks.
 Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 12/23/96 Inspected by [Signature]
 Results of inspection OK

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>12/23/96</u>	<u>9'</u>	<u>[Signature]</u>	Report needs for corrective action to:
<u>12/24/96</u>	<u>10'</u>	<u>[Signature]</u>	
<u>12/25/96</u>	<u>11'1"</u>	<u>[Signature]</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>12/26/96</u>	<u>12'</u>	<u>[Signature]</u>	
<u>12/27/96</u>	<u>11'11"</u>	<u>[Signature]</u>	
<u>12-28-96</u>	<u>10'9"</u>	<u>[Signature]</u>	River line N 60° 12/26/96 River Line ST
<u>12-29-96</u>	<u>9'0"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 12-16 TO 12-22-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 12-16-96 Inspected by CS

Results of inspection good no drums.

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>12-16-96</u>	<u>2'0"</u>	<u>CS</u>	Report needs for corrective action to:
<u>12-17-96</u>	<u>2'6"</u>	<u>CS</u>	
<u>12-18-96</u>	<u>3'11"</u>	<u>CS</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>12-19-96</u>	<u>4'9"</u>	<u>BGW</u>	
<u>12-20-96</u>	<u>5'3"</u>	<u>BGW</u>	
<u>12-21-96</u>	<u>6'1"</u>	<u>[Signature]</u>	
<u>12-22-96</u>	<u>7'1"</u>	<u>[Signature]</u>	River line sk - 66'

Results of weekly inspection and actions taken:

RIVER LINE SK 60'

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 12-9 TO 12-15-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 12-9-96 Inspected by BHW

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
12-9	2'8"	BHW	Report needs for corrective action to:
12-10	3'0"	BHW	
12-11	2'4"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
12-12	3'9"	[Signature]	
12-13	3'10"	[Signature]	
12-14	3'5"	[Signature]	12-9 RIVER LINE ON - 74'
12-15	2'10"	[Signature]	12-12 " " " 74'

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 12-2 TO 12-8-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 12-2-96 Inspected by [Signature]

Results of inspection NO DRUMS
OK

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
12-2-96	5'7"	[Signature]	Report needs for corrective action to:
12-3-96	5'0"	[Signature]	
12-4-96	4'5"	[Signature]	
12-5-96	4"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
12-6-96	3'6"	[Signature]	
12-7-96	3'2"	Bbu	
12-8-96	3'0"		

Results of weekly inspection and actions taken:

Liver Lake CK Temp 60'

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 11/25/96 TO 12/1/96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 11/25/96 Inspected by [Signature]

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>11/25/96</u>	<u>5'</u>	<u>[Signature]</u>	Report needs for corrective action to:
<u>11-26-96</u>	<u>5'9"</u>	<u>W.W.</u>	
<u>11-27-96</u>	<u>5'8"</u>	<u>W.W.</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>11/28/96</u>	<u>6'8"</u>	<u>[Signature]</u>	
<u>11/29/96</u>	<u>7'0"</u>	<u>[Signature]</u>	
<u>11-30-96</u>	<u>6'5"</u>	<u>[Signature]</u>	
<u>12-1-96</u>	<u>5'10"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

Run One OK



Memo To: Steve Boswell

January 9, 1997

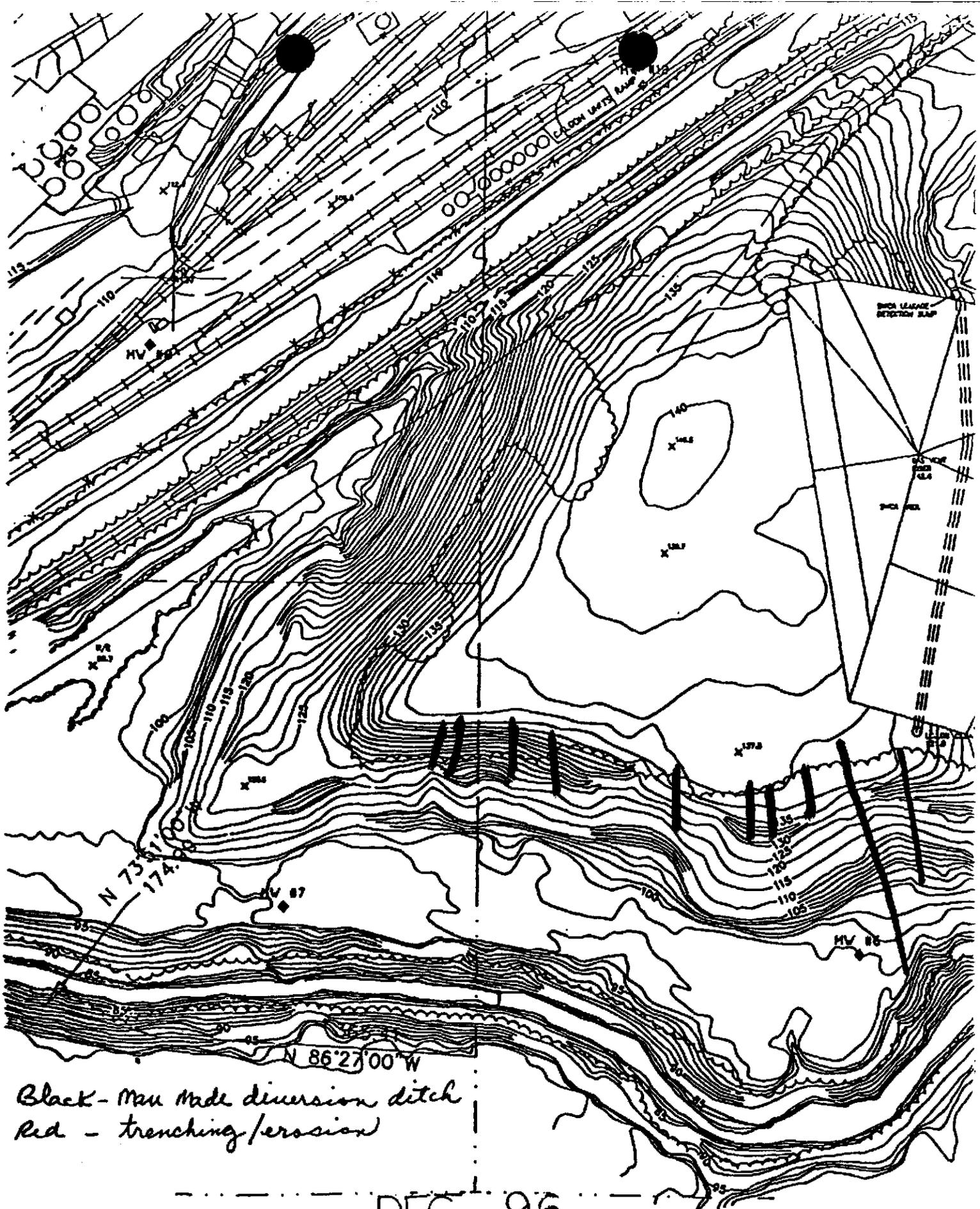
From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill is now covered with dredged material from the "C" pond of the South Pond. Growth of grass has continued since placement of the material from the pond. Complete coverage has not yet been achieved. No discolored soil is visible.

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767



Black - Man Made diversion ditch
 Red - trenching/erosion

DEC 96
 MONTHLY INSPECTION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 524 718 981

VICKSBURG
chemical company

RECEIVED
DEC 11 1996
Dept. of Environmental Quality
Office of Pollution Control

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

December 5, 1996

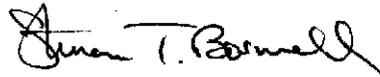
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Fifty-Six

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Vicksburg

chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
100 Alabama Street, SW
Atlanta, Georgia 30303

December 9, 1996

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Fifty-Six

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Fifty-Six, for the month of November, 1996. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

Projected Work for the Month

Pending receipt of EPA's comments on the RFI Workplan draft, responses to comments will be prepared.

The Potassium People

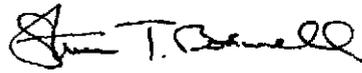
Results of Sampling and Analysis Activities during the Report Period

Cedar's contractor lab reported results for the October Temporary Unit sampling for toxaphene that were in reasonable agreement with the MSDEQ laboratory with one exception. Cell 1 results differed between the labs as Cedar's value was 44 mg/kg compared to MSDEQ's result of 6.5 mg/kg. Cell 2 analyzed at 21 mg/kg by Cedar and 14 mg/kg by MSDEQ. Cell 3 analyzed at 27 mg/kg by Cedar and 26 mg/kg by MSDEQ. The value reported by the MSDEQ for Cell 1 is close to the result obtained by the Region IV ESD sampling in May of this year. That result was less than 3.5 mg/kg.

Results from sampling of the Drumming Building Floor have been received. Dinoseb levels ranged generally through numbers in the teen of parts per million, with one result of 2 parts per million. Toxaphene numbers ranged through less than ten parts per million, with one sample at 180 parts per million. The samples of floor material were obtained by scraping and chiseling the surface of the concrete to dislodge surface material. The sample that gave the high toxaphene result was obtained from an area where earlier floor grinding had not been performed. Material that was removed from the floor by grinding was placed in the Temporary Unit in 1995. Based on the starting levels of toxaphene in the Temporary Unit, toxaphene destruction appears to range from 40 to better than 80%.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File



Memo To: Steve Boswell

December 5, 1996

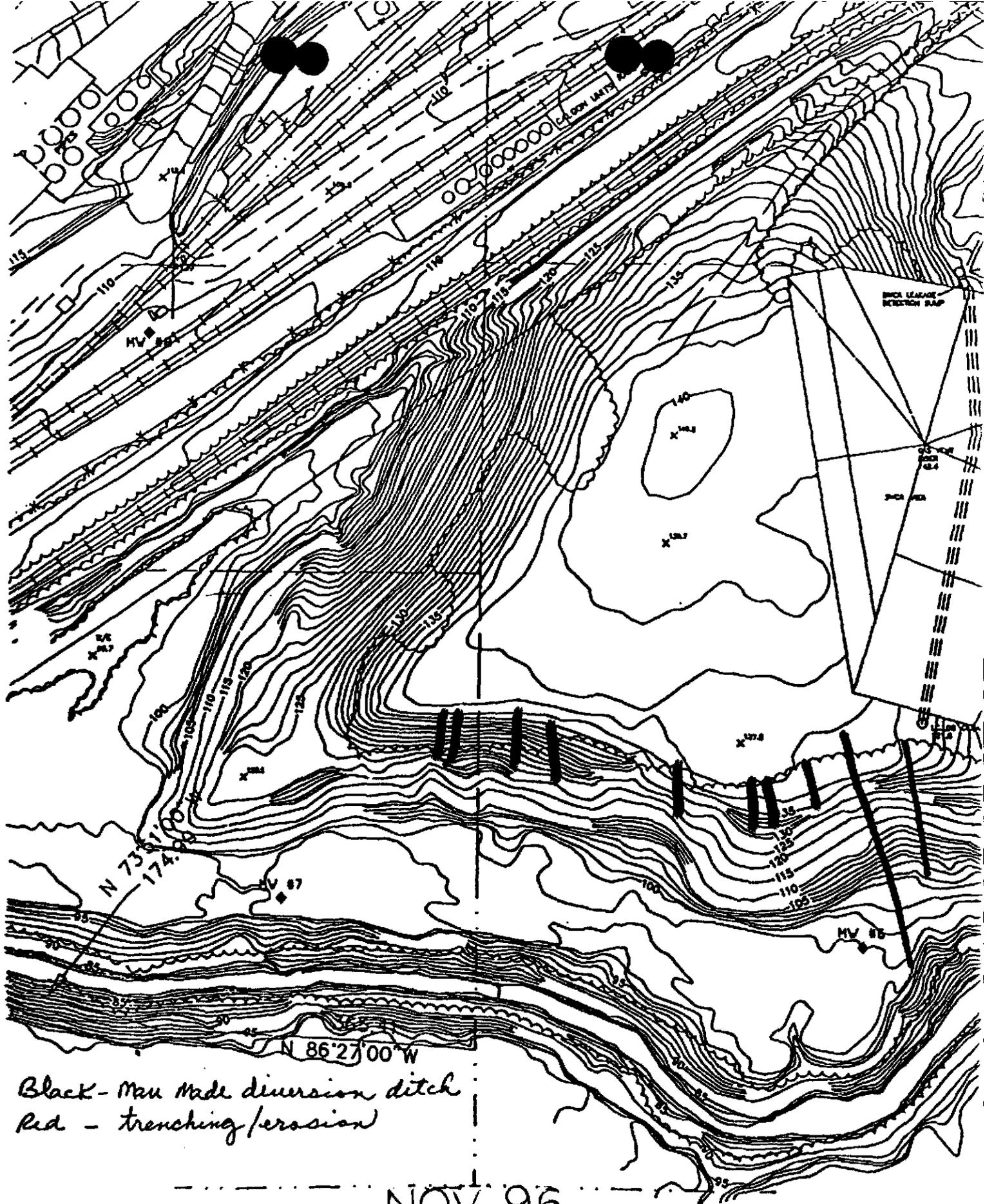
From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill is now covered with dredged material from the "C" pond of the South Pond. Growth of grass has continued since placement of the material from the pond. Complete coverage has not yet been achieved. No discolored soil is visible.

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767



Black - Man Made diversion ditch
 Red - trenching / erosion

NOV 96
 MONTHLY INSPECTION

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 10/28 TO 11/3/96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 10/28 Inspected by [Signature]

Results of inspection OK

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
<u>10/28/96</u>	<u>5'8"</u>	<u>WA</u>
<u>10/29/96</u>	<u>6'0"</u>	<u>AW</u>
<u>10/30/96</u>	<u>6'4"</u>	<u>AW</u>
<u>10/31/96</u>	<u>6'5"</u>	<u>[Signature]</u>
<u>11/1/96</u>	<u>6'9"</u>	<u>[Signature]</u>
<u>11-2-96</u>	<u>7'2"</u>	<u>[Signature]</u>
<u>11-3-96</u>	<u>7'6"</u>	<u>[Signature]</u>

Report needs for corrective action to:
 Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

Level fine OK

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 11-4-96 TO 11-10-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 11-4-96 Inspected by OS

Results of inspection good no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
11-4-96	7'10"	OS	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
11-5-96	7'5"	OS	
11-6-96	7'0"	OS	
11-7-96	6'7"	OS	
11-8-96	5'0"	OS	
11-9-96	4'10"	Bhw	
11-10-96	4'8"	Bhw	

Results of weekly inspection and actions taken:

no washes - 11-5-96 / river line OK - 70.2

11-6-96 " " " " - 74.2

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 11-11-96 TO 11-17-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 11-11-96 Inspected by BHW

Results of inspection NO DRUMS

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
11-11-96	4' 0"	BHW
11-12-96	3' 10"	BHW
11-13-96	3' 8"	BHW
11-14-96	3' 6"	BHW
11-15-96	3' 6"	BHW
11-16-96	3' 3"	[Signature]
11-17-96	3' 2"	[Signature]

Report needs for corrective action to:

Maintenance Planner
Shift Supervisor
South Plant Supervisor
Environmental Dept.

Results of weekly inspection and actions taken:

0900- 11-11-96, RIVER LINE CHECK OK TEMP. 68°

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 11-18 TO 11-24-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 11-18-96 Inspected by [Signature]

Results of inspection NO DRUMS

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
11-18-96	2'7"	[Signature]
11-19-96	2'6"	[Signature]
11-20-96	2'10"	[Signature]
11-21-96	3'11"	[Signature]
11-22-96	3'6"	[Signature]
11-23-96	3'10"	[Signature]
11-24-96	4'7"	[Signature]

Report needs for corrective action to:
 Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

11-18-96 68° line OK

11-20-96 72° line OK

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 11/25/96 TO 12/1/96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 11/25/96 Inspected by [Signature]
 Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>11/25/96</u>	<u>5'</u>	<u>[Signature]</u>	Report needs for corrective action to:
<u>11-26-96</u>	<u>5'9"</u>	<u>[Signature]</u>	
<u>11-27-96</u>	<u>5'8"</u>	<u>[Signature]</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>11/28/96</u>	<u>6'8"</u>	<u>[Signature]</u>	
<u>11/29/96</u>	<u>7'0"</u>	<u>[Signature]</u>	
<u>11-30-96</u>	<u>6'5"</u>	<u>[Signature]</u>	
<u>12-1-96</u>	<u>5'10"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

Run One OK

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 875 307 664

VICKSBURG
chemical company

RECEIVED
NOV - 5 1996
Miss. of Environmental Quality
Office of Pollution Control

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

November 1, 1996

Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Fifty-Five

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

VICKSBURG

chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
100 Alabama Street, SW
Atlanta, Georgia 30303

November 1, 1996

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Fifty-Five

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Fifty-Five, for the month of October, 1996. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. Sampling of the Temporary Unit for toxaphene was performed on October 16, 1996. Samples were also taken by a representative of the Mississippi Department of Environmental Quality. Additional samples were taken from the floor of the Drumming Building (SWMU 9) to be analyzed for dinoseb and toxaphene.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period. Grass growth into the sediments placed on the "Old Landfill" has been vigorous.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Projected Work for the Month

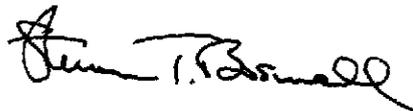
A telephone conference with Region IV representatives and Cedar representatives to discuss modifications to the proposed Groundwater Assessment Workplan is scheduled for November 9, 1996.

Results of Sampling and Analysis Activities during the Report Period

None.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 10/28 TO 11/3/96

1. Drums in 90 Day Storage - Inspect weekly for leaks.
Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 10/28 Inspected by [Signature]
 Results of inspection OK

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
<u>10/28/96</u>	<u>5'8"</u>	<u>WA</u>
<u>10/29/96</u>	<u>6'0"</u>	<u>AWD</u>
<u>10/30/96</u>	<u>6'4"</u>	<u>AWD</u>
<u>10/31/96</u>	<u>6'5"</u>	<u>[Signature]</u>
<u>11/1/96</u>	<u>6'9"</u>	<u>[Signature]</u>
<u>11-2-96</u>	<u>7'2"</u>	<u>[Signature]</u>
<u>11-3-96</u>	<u>7'6"</u>	<u>[Signature]</u>

Report needs for corrective action to:
 Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:
Level OK

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 10-21-96 TO 10-27-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 10-21-96 Inspected by [Signature]

Results of inspection _____

NO DRUMS

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>10-21-96</u>	<u>6'10"</u>	<u>[Signature]</u>	Report needs for corrective action to:
<u>10-22-96</u>	<u>6'11"</u>	<u>[Signature]</u>	
<u>10-23-96</u>	<u>7'0"</u>	<u>[Signature]</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>10-24-96</u>	<u>7'4"</u>	<u>[Signature]</u>	
<u>10-25-96</u>	<u>7'3"</u>	<u>[Signature]</u>	
<u>10-26-96</u>	<u>6'</u>	<u>[Signature]</u>	
<u>10-27-96</u>	<u>5'</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

OK

Review level OK

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 10-14-96 TO 10-20-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 10-14-96 Inspected by BHW

Results of inspection No. drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
<u>10-14-96</u>	<u>5' 0"</u>	<u>BHW</u>
<u>10-15-96</u>	<u>4' 10"</u>	<u>BHW</u>
<u>10-16-96</u>	<u>4' 8"</u>	<u>ABW</u>
<u>10-17-96</u>	<u>3' 10"</u>	<u>BHW</u>
<u>10-18-96</u>	<u>4' 2"</u>	<u>BHW</u>
<u>10-19-96</u>	<u>4' 8"</u>	<u>Jen</u>
<u>10-20-96</u>	<u>5' 10"</u>	<u>Jen</u>

Report needs for corrective action to:

Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

River line OK

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 10-7-96 TO 10-13-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 10-7-96 Inspected by CS

Results of inspection no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
10-7-96	3'3"	CS	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
10-8-96	3'1"	CS	
10-9-96	3'6"	CS	
10-10-96	4'1"	CS	
10-11-96	4'6"	CS	
10-12-96	5'1"	B6W	
10-13-96	5'2"	B6W	

10-9-96 River line - 79°

Results of weekly inspection and actions taken:

GRASS could be cut on Dam & Pond AREAS.

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 9/30/76 TO 10/6/76

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 9/30/76 Inspected by WDR

Results of inspection OK

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
9/30/76	4'9"	WDR	Report needs for corrective action to:
10/1/76	4'9"	WDR	
10/2/76	4'7"	WDR	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
10/3/76	4'10"	WDR	
10/4/76	4'6"	WDR	
4-5-76	4'0"	JS	
4-6-76	3'7"	JS	

Results of weekly inspection and actions taken:

OK
river line OK

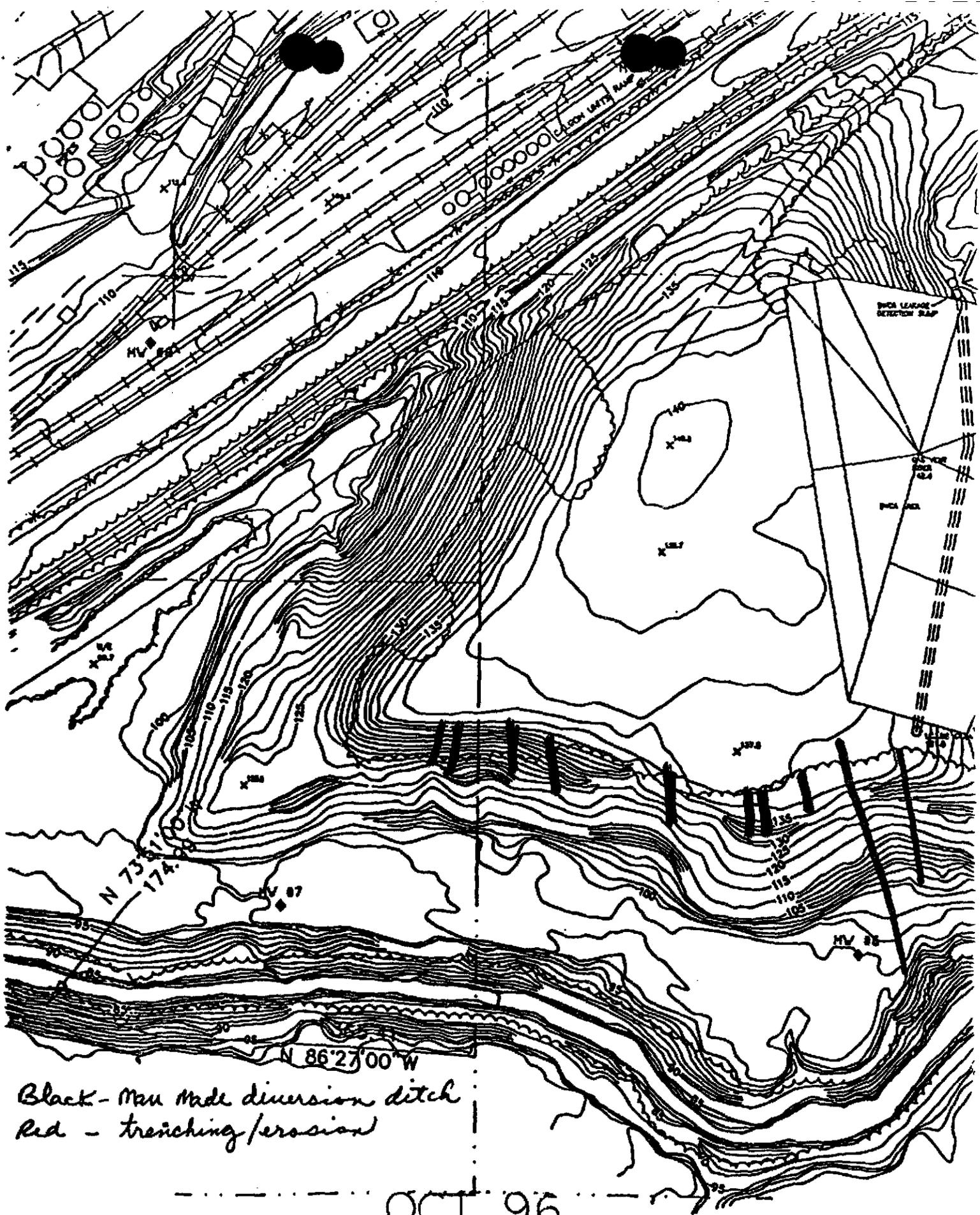
Memo To: Steve Boswell

November 1, 1996

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill is now covered with dredged material from the "C" pond of the South Pond. Growth of grass has continued since placement of the material from the pond. Complete coverage has not yet been achieved. No discolored soil is visible.



Black - Man Made diversion ditch
 Red - trenching/erosion

OCT 96
 MONTHLY INSPECTION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 524 718 973

VICKSBURG
chemical company

RECEIVED
OCT 10 1996
Dept. of Environmental Quality
Office of Pollution Control

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

October 8, 1996

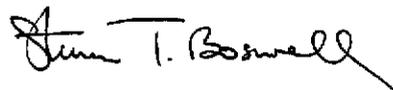
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Fifty-Four

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

VICKSBURG

chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
100 Alabama Street, SW
Atlanta, Georgia 30303

October 8, 1996

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Fifty-Four

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Fifty-Four, for the month of September, 1996. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period. Cedar has removed accumulated soil and solids from the "South Pond" and placed them on the surface of the "Old Landfill (SWMU 2)." The removed material has significant fertilizer value and is being used to enhance growth of vegetation on the "Old Landfill." The material was analyzed by the TCLP and was found to not be characteristic waste.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Projected Work for the Month

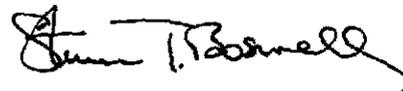
Sampling of the Temporary Unit for toxaphene originally planned for September 11, will now be performed during the week of October 14. Sampling of the compost in contact with the floor in SWMU 9 will be conducted at the same time. The compost will be analyzed for toxaphene and dinoseb. Samples taken prior to the placement of the compost in August were mistakenly kept in Vicksburg's possession instead of being sent for analysis. These samples will be sent for analysis along with the next set of samples to be taken. Although the "holding time" for these samples has expired, they have faced no different environment from that from which they were obtained (the floor of the Drumm Building).

Results of Sampling and Analysis Activities during the Report Period

None.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 9/30/96 TO 10/6/96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 9/30/96 Inspected by WDR

Results of inspection OK

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>9/30/96</u>	<u>4'9"</u>	<u>WDR</u>	Report needs for corrective action to:
<u>10/1/96</u>	<u>4'9"</u>	<u>WDR</u>	
<u>10/2/96</u>	<u>4'7"</u>	<u>WDR</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>10/3/96</u>	<u>4'10"</u>	<u>WDR</u>	
<u>10/4/96</u>	<u>4'6"</u>	<u>WDR</u>	
<u>10-5-96</u>	<u>4'0"</u>	<u>WDR</u>	
<u>10-6-96</u>	<u>3'7"</u>	<u>WDR</u>	

Results of weekly inspection and actions taken:

OK
river line OK

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 9-23 TO 9-29-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 9-23-96 Inspected by [Signature]

Results of inspection OK

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
9-23-96	5'11"	[Signature]	Report needs for corrective action to:
9-24-96	5'11"	[Signature]	
9-25-96	5'0"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
9-26-96	4'11"	[Signature]	
9-27-96	4'10"	[Signature]	
9-28-96	4'3"	[Signature]	
9-29-96	4'4"	[Signature]	

Results of weekly inspection and actions taken:

OK

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 9-16-96 TO 9-22-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 9-23-96 Inspected by BHW

Results of inspection ok

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
9-16	5'10"	BHW	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
9-17	5'6"	BHW	
9-18	5'2"	BHW	
9-19	4'10"	BHW	
9-20	4'8"	BHW	
9-21	4'5"	<i>[Signature]</i>	
9-22	4'8"	<i>[Signature]</i>	

Results of weekly inspection and actions taken:

9-19 - @900 - RIVER LINE OK 86'

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 9-9-96 TO 9-15-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 9-9-96 Inspected by [Signature]

Results of inspection good no drums.

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
9-9-96	7'0"	[Signature]	Report needs for corrective action to:
9-10-96	7'2"	[Signature]	
9-11-96	7'3"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
9-12-96	7'3"	[Signature]	
9-13-96	7'7"	[Signature]	
9-14-96	7'6"		
9-15-96	7'6"		

Results of weekly inspection and actions taken:

<u>Grass around dams could be cut.</u>	9-9-96	River line	5/2	81°
	9-11-96	"	"	81°
	9-13-96	"	"	90°

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 9/2 TO 9/8/96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 9/2 Inspected by [Signature]

Results of inspection [Signature]

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
9/2/96	5'7"	[Signature]	Report needs for corrective action to:
9/3/96	5'6"	[Signature]	
9/4/96	5'9"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
9/5/96	6'2"	[Signature]	
9/6/96	6'6"	[Signature]	
9-7-96	6'6"	[Signature]	
9-8-96	6'9"	[Signature]	

Results of weekly inspection and actions taken:
Cleaning out "B" Pond

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 8-26 TO 9-1

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 8-26 Inspected by JM

Results of inspection GOOD NO DRUMS

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>8-26-96</u>	<u>5'9"</u>	<u>JM</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>8-27-96</u>	<u>5'9"</u>	<u>JM</u>	
<u>8-28-96</u>	<u>5'4"</u>	<u>JM</u>	
<u>8-29-96</u>	<u>5'7"</u>	<u>JM</u>	
<u>8-30-96</u>	<u>5'4"</u>	<u>JM</u>	
<u>8-31-96</u>	<u>4'10"</u>	<u>Blw</u>	
<u>9/1/96</u>	<u>4'10"</u>	<u>Blw</u>	

Results of weekly inspection and actions taken:

Rain Wind 85° 8-26-96

Rain Wind 90° 8-28-96

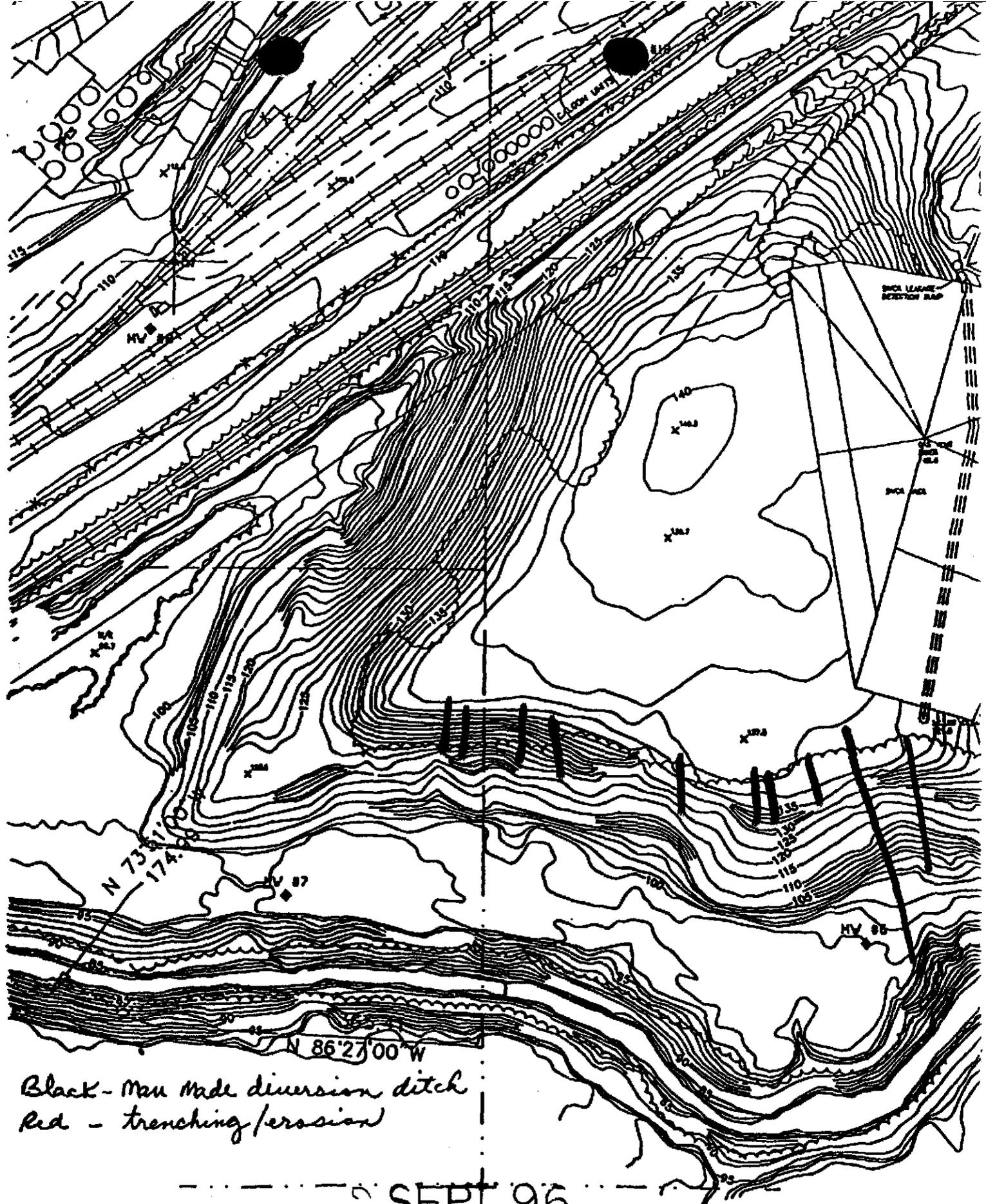
Memo To: Steve Boswell

October 8, 1996

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill is now covered with dredged material from the "C" pond of the South Pond. No significant leaks from slurry settling have occurred and the material continues to dry. Growth of grass has increased rapidly with placement of the material from the pond, although complete coverage has not yet been attained. No areas of discolored soil are visible.



Black - Man Made diversion ditch
 Red - trenching / erosion

SEPT 96
 MONTHLY INSPECTION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 111 274 063

VICKSBURG
chemical company

RECEIVED
SEP 12 1996
Dept. of Environmental Quality
Office of Pollution Control

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

September 9, 1996

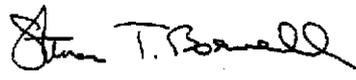
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Fifty-Three

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

VICKSBURG

chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
100 Alabama Street, SW
Atlanta, Georgia 30303

September 9, 1996

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Fifty-Three

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Fifty-Three, for the month of August, 1996. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins.

Summary of Changes made to the IM and RFI during the Reporting Period

Cedar requested approval of interim measures to attempt remediation of concrete flooring in SWMU No.9, using the composting technique being applied in the Temporary Unit. EPA approved this approach in a letter from Mr. James Kutzman, dated June 19, 1996. On August 15, Cedar placed 120 cu. yds. of compost on the flooring in this building. Samples were taken of the floor, but analyses have not yet been received.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period. Cedar is removing accumulated soil and solids from the "South Pond" and placing them on the surface of the "Old Landfill (SWMU 2)." The removed material has significant fertilizer value and is being used to enhance growth of vegetation on the "Old Landfill." The material was analyzed by the TCLP and was found to not be characteristic waste.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Projected Work for the Month

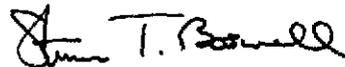
Sampling of the Temporary Unit to monitor toxaphene levels is planned for September 11. A Public Meeting has been scheduled for September 24, 1996, at the Vicksburg Public Library to receive any comments relating to extending operation of the Temporary Unit for an additional year. A Notice of Public Meeting was published in the *Vicksburg Evening Post* on August 21, 1996.

Results of Sampling and Analysis Activities during the Report Period

Results of sampling of the Temporary Unit are included with this report. Dinoseb appears to have almost completely dissipated. Toxaphene appears to be decreasing from the original concentrations found, but at a slower rate.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

11 EAST OLIVE ROAD • PENSACOLA, FL 32514 • (904) 474-1001

SIGNATURE PAGE

Reviewed by:


AEN Project Manager

Client: VICKSBURG CHEMICAL
VICKSBURG, MS

Project Name: TEMPORARY UNIT
Project Number: N/S
Project Location: VICKSBURG CHEMICAL CO.
Accession Number: 605570

Project Manager: STEVE BOSWELL
Sampled By: STEVE BOSWELL

Analysis Report

Analysis: APPENDIX IX METALS

Accession:	605570
Client:	VICKSBURG CHEMICAL
Project Number:	N/S
Project Name:	TEMPORARY UNIT
Project Location:	VICKSBURG CHEMICAL CO.
Department:	METALS

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX METALS
 Qclevel: IIMS

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: CELL 1			Lab ID:001		
SILVER (6010)	MG/KG	ND	1	A6S070	
ARSENIC (6010)	MG/KG	15	5	R6S070	
BARIUM (6010)	MG/KG	45	1	B6S070	
BERYLLIUM (6010)	MG/KG	ND	0.4	Y6S070	
CADMIUM (6010)	MG/KG	ND	0.5	C6S070	
COBALT (6010)	MG/KG	2	1	T6S070	
CHROMIUM (6010)	MG/KG	17	1	H6S070	
COPPER (6010)	MG/KG	8	1	F6S070	
MERCURY (7471)	MG/KG	ND	0.1	M4S033	
NICKEL (6010)	MG/KG	4	2	E6S070	
LEAD (6010)	MG/KG	7	5	P6S070	
ANTIMONY (6010)	MG/KG	ND	6	36S070	
SELENIUM (6010)	MG/KG	ND	10	S6S070	
TIN (6010)	MG/KG	37	20	W6S070	
THALLIUM (6010)	MG/KG	ND	10	46S070	
VANADIUM (6010)	MG/KG	8	1	V6S070	
ZINC (6010)	MG/KG	33	2	56S070	

Comments:

Client ID: CELL 2			Lab ID:002		
SILVER (6010)	MG/KG	ND	1	A6S070	
ARSENIC (6010)	MG/KG	22	5	R6S070	
BARIUM (6010)	MG/KG	50	1	B6S070	
BERYLLIUM (6010)	MG/KG	ND	0.4	Y6S070	
CADMIUM (6010)	MG/KG	ND	0.5	C6S070	
COBALT (6010)	MG/KG	2	1	T6S070	
CHROMIUM (6010)	MG/KG	30	1	H6S070	
COPPER (6010)	MG/KG	7	1	F6S070	
MERCURY (7471)	MG/KG	ND	0.1	M4S033	
NICKEL (6010)	MG/KG	4	2	E6S070	
LEAD (6010)	MG/KG	10	5	P6S070	
ANTIMONY (6010)	MG/KG	ND	6	36S070	
SELENIUM (6010)	MG/KG	ND	10	S6S070	
TIN (6010)	MG/KG	51	20	W6S070	
THALLIUM (6010)	MG/KG	ND	10	46S070	
VANADIUM (6010)	MG/KG	9	1	V6S070	
ZINC (6010)	MG/KG	31	2	56S070	

Comments:

(0) Page 2
Date 10-Jun-96

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 605570
Client: VICKSBURG CHEMICAL
Project Number: N/S
Project Name: TEMPORARY UNIT
Project Location: VICKSBURG CHEMICAL CO.
Test: APPENDIX IX METALS
QcLevel: IIMS

Parameter:	Unit:	Result:	R.L:	Batch:	Q:
Client ID: CELL 3		Lab ID:003			
SILVER (6010)	MG/KG	ND	1	A6S070	
ARSENIC (6010)	MG/KG	14	5	R6S070	
BARIUM (6010)	MG/KG	40	1	B6S070	
BERYLLIUM (6010)	MG/KG	ND	0.4	Y6S070	
CADMIUM (6010)	MG/KG	ND	0.5	C6S070	
COBALT (6010)	MG/KG	2	1	T6S070	
CHROMIUM (6010)	MG/KG	40	1	H6S070	
COPPER (6010)	MG/KG	9	1	F6S070	
MERCURY (7471)	MG/KG	0.2	0.1	M4S033	
NICKEL (6010)	MG/KG	6	2	E6S070	
LEAD (6010)	MG/KG	16	5	P6S070	
ANTIMONY (6010)	MG/KG	ND	6	36S070	
SELENIUM (6010)	MG/KG	ND	10	S6S070	
TIN (6010)	MG/KG	56	20	W6S070	
THALLIUM (6010)	MG/KG	ND	10	46S070	
VANADIUM (6010)	MG/KG	10	1	V6S070	
ZINC (6010)	MG/KG	30	2	56S070	

Comments:

"FINAL REPORT FORMAT - MULTIPLE"

Accession: 605570
Client: VICKSBURG CHEMICAL
Project Number: N/S
Project Name: TEMPORARY UNIT
Project Location: VICKSBURG CHEMICAL CO.
Test: APPENDIX IX METALS

Client Id:	Lab Matrix: Id:	Date/Time Sampled:	Date Received:
CELL 1	001 SOIL	22-MAY-96 0900	28-MAY-96
CELL 2	002 SOIL	22-MAY-96 0900	28-MAY-96
CELL 3	003 SOIL	22-MAY-96 0900	28-MAY-96

[0] Page 4
Date 10-Jun-96

"Method Report Summary"

Accession Number: 605570
Client: VICKSBURG CHEMICAL
Project Number: N/S
Project Name: TEMPORARY UNIT
Project Location: VICKSBURG CHEMICAL CO.
Test: APPENDIX IX METALS

Client Sample Id:	Parameter:	Unit:	Result:
CELL 1	ARSENIC (6010)	MG/KG	15
	BARIUM (6010)	MG/KG	45
	COBALT (6010)	MG/KG	2
	CHROMIUM (6010)	MG/KG	17
	COPPER (6010)	MG/KG	8
	NICKEL (6010)	MG/KG	4
	LEAD (6010)	MG/KG	7
	TIN (6010)	MG/KG	37
	VANADIUM (6010)	MG/KG	8
ZINC (6010)	MG/KG	33	
CELL 2	ARSENIC (6010)	MG/KG	22
	BARIUM (6010)	MG/KG	50
	COBALT (6010)	MG/KG	2
	CHROMIUM (6010)	MG/KG	30
	COPPER (6010)	MG/KG	7
	NICKEL (6010)	MG/KG	4
	LEAD (6010)	MG/KG	10
	TIN (6010)	MG/KG	51
	VANADIUM (6010)	MG/KG	9
ZINC (6010)	MG/KG	31	
CELL 3	ARSENIC (6010)	MG/KG	14
	BARIUM (6010)	MG/KG	40
	COBALT (6010)	MG/KG	2
	CHROMIUM (6010)	MG/KG	40
	COPPER (6010)	MG/KG	9
	MERCURY (7471)	MG/KG	0.2
	NICKEL (6010)	MG/KG	6
	LEAD (6010)	MG/KG	16
	TIN (6010)	MG/KG	56
VANADIUM (6010)	MG/KG	10	
ZINC (6010)	MG/KG	30	

Analysis Report

Analysis: APPENDIX IX PESTICIDES (8080)

Accession:	605570
Client:	VICKSBURG CHEMICAL
Project Number:	N/S
Project Name:	TEMPORARY UNIT
Project Location:	VICKSBURG CHEMICAL CO.
Department:	PESTICIDES

[0] Page 1
Date 18-Jun-96

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX PESTICIDES (8080)
 Analysis Method: 8080 / SW-846, 3rd Edition, Rev. 1 July 1994.
 Extraction Method: 3550 / SW-846, 3rd Edition, Rev. 1 July 1994.
 Matrix: SOIL
 QC Level: B

Lab Id: 001 Sample Date/Time: 22-MAY-96 0900
 Client Sample Id: CELL 1 Received Date: 28-MAY-96
 Batch: PSS046 Extraction Date: 04-JUN-96
 Blank: A Dry Weight %: 64 Analysis Date: 08-JUN-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
ALDRIN	UG/KG	ND	130	
ALPHA-BHC	UG/KG	ND	130	
ATRAZINE	UG/KG	ND	2600	
BETA-BHC	UG/KG	ND	130	
DELTA-BHC	UG/KG	ND	130	
GAMMA-BHC (LINDANE)	UG/KG	ND	130	
CHLORDANE	UG/KG	ND	1300	
4,4'-DDD	UG/KG	ND	260	
4,4'-DDE	UG/KG	ND	260	
4,4'-DDT	UG/KG	ND	260	
DIELDRIN	UG/KG	ND	260	
ENDOSULFAN I	UG/KG	ND	130	
ENDOSULFAN II	UG/KG	ND	260	
ENDOSULFAN SULFATE	UG/KG	ND	260	
ENDRIN	UG/KG	ND	260	
ENDRIN ALDEHYDE	UG/KG	ND	260	
HEPTACHLOR	UG/KG	ND	130	
HEPTACHLOR EPOXIDE	UG/KG	ND	130	
METHOXYCHLOR	UG/KG	ND	1300	
TOXAPHENE	UG/KG	12000	7800	
AROCLOR-1016	UG/KG	ND	2600	
AROCLOR-1221	UG/KG	ND	2600	
AROCLOR-1232	UG/KG	ND	2600	
AROCLOR-1242	UG/KG	ND	2600	
AROCLOR-1248	UG/KG	ND	2600	
AROCLOR-1254	UG/KG	ND	2600	
AROCLOR-1260	UG/KG	ND	2600	
DCB	%REC/SURR	91	49-133	
TCPEX	%REC/SURR	110	41-119	
ANALYST	INITIALS	RP		

Comments:

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX PESTICIDES (8080)
 Analysis Method: 8080 / SW-846, 3rd Edition, Rev. 1 July 1994.
 Extraction Method: 3550 / SW-846, 3rd Edition, Rev. 1 July 1994.
 Matrix: SOIL
 QC Level: B

Lab Id: 002 Sample Date/Time: 22-MAY-96 0900
 Client Sample Id: CELL 2 Received Date: 28-MAY-96
 Batch: PSS046 Extraction Date: 04-JUN-96
 Blank: A Dry Weight %: 70 Analysis Date: 08-JUN-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
ALDRIN	UG/KG	ND	120	
ALPHA-BHC	UG/KG	ND	120	
ATRAZINE	UG/KG	ND	2400	
BETA-BHC	UG/KG	ND	120	
DELTA-BHC	UG/KG	ND	120	
GAMMA-BHC (LINDANE)	UG/KG	ND	120	
CHLORDANE	UG/KG	ND	1200	
4,4'-DDD	UG/KG	ND	240	
4,4'-DDE	UG/KG	ND	240	
4,4'-DDT	UG/KG	ND	240	
DIELDRIN	UG/KG	ND	240	
ENDOSULFAN I	UG/KG	ND	120	
ENDOSULFAN II	UG/KG	ND	240	
ENDOSULFAN SULFATE	UG/KG	ND	240	
ENDRIN	UG/KG	ND	240	
ENDRIN ALDEHYDE	UG/KG	ND	240	
HEPTACHLOR	UG/KG	ND	120	
HEPTACHLOR EPOXIDE	UG/KG	ND	120	
METHOXYCHLOR	UG/KG	ND	1200	
TOKAPHENE	UG/KG	14000	7100	
AROCLOR-1016	UG/KG	ND	2400	
AROCLOR-1221	UG/KG	ND	2400	
AROCLOR-1232	UG/KG	ND	2400	
AROCLOR-1242	UG/KG	ND	2400	
AROCLOR-1248	UG/KG	ND	2400	
AROCLOR-1254	UG/KG	ND	2400	
AROCLOR-1260	UG/KG	ND	2400	
DCB	REC/SURR	77	49-133	
TCMX	REC/SURR	66	41-119	
ANALYST	INITIALS	RP		

Comments:

[0] Page 3
Date 18-Jun-96

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX PESTICIDES (8080)
 Analysis Method: 8080 / SW-846, 3rd Edition, Rev. 1 July 1994.
 Extraction Method: 3550 / SW-846, 3rd Edition, Rev. 1 July 1994.
 Matrix: SOIL
 QC Level: B

Lab Id: 003 Sample Date/Time: 22-MAY-96 0900
 Client Sample Id: CELL 3 Received Date: 28-MAY-96
 Batch: PSS046 Extraction Date: 04-JUN-96
 Blank: A Dry Weight %: 73 Analysis Date: 08-JUN-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
ALDRIN	UG/KG	ND	120	
ALPHA-BHC	UG/KG	ND	120	
ATRAZINE	UG/KG	ND	2400	
BETA-BHC	UG/KG	ND	120	
DELTA-BHC	UG/KG	ND	120	
GAMMA-BHC (LINDANE)	UG/KG	ND	120	
CHLORDANE	UG/KG	ND	1200	
4,4'-DDD	UG/KG	ND	230	
4,4'-DDE	UG/KG	ND	230	
4,4'-DDT	UG/KG	ND	230	
DIELDRIN	UG/KG	ND	230	
ENDOSULFAN I	UG/KG	ND	120	
ENDOSULFAN II	UG/KG	ND	230	
ENDOSULFAN SULFATE	UG/KG	ND	230	
ENDRIN	UG/KG	ND	230	
ENDRIN ALDEHYDE	UG/KG	ND	230	
HEPTACHLOR	UG/KG	ND	120	
HEPTACHLOR EPOXIDE	UG/KG	ND	120	
METHOXYCHLOR	UG/KG	ND	1200	
TOXAPHENE	UG/KG	31000	6800	
AROCLOR-1016	UG/KG	ND	2300	
AROCLOR-1221	UG/KG	ND	2300	
AROCLOR-1232	UG/KG	ND	2300	
AROCLOR-1242	UG/KG	ND	2300	
AROCLOR-1248	UG/KG	ND	2300	
AROCLOR-1254	UG/KG	ND	2300	
AROCLOR-1260	UG/KG	ND	2300	
DCB	%REC/SURR	79	49-133	
TCMX	%REC/SURR	72	41-119	
ANALYST	INITIALS	RP		

Comments:

"Method Report Summary"

Accession Number: 605570
Client: VICKSBURG CHEMICAL
Project Number: N/S
Project Name: TEMPORARY UNIT
Project Location: VICKSBURG CHEMICAL CO.
Test: APPENDIX IX PESTICIDES (8080)

Client Sample Id:	Parameter:	Unit:	Result:
CELL 1	TOXAPHENE	UG/KG	12000
CELL 2	TOXAPHENE	UG/KG	14000
CELL 3	TOXAPHENE	UG/KG	31000

Analysis Report

Analysis: APPENDIX IX PESTICIDES (8141)

Accession:	605570
Client:	VICKSBURG CHEMICAL
Project Number:	N/S
Project Name:	TEMPORARY UNIT
Project Location:	VICKSBURG CHEMICAL CO.
Department:	PESTICIDES

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX PESTICIDES (8141)
 Analysis Method: 8141 / SW-846, 3rd Edition, Rev. 1 Sept. 1994.
 Extraction Method: 3550 / SW-846, 3rd Edition, Rev. 1 July 1994.
 Matrix: SOIL
 QC Level: IIMS

Lab Id: 001
 Client Sample Id: CELL 1
 Sample Date/Time: 22-MAY-96 0900
 Received Date: 28-MAY-96
 Batch: OPS004
 Blank: A
 Dry Weight %: 64
 Extraction Date: 04-JUN-96
 Analysis Date: 19-JUN-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
DIMETHOATE	UG/KG	ND	2700	
DISULFOTON	UG/KG	ND	520	
PARATHION	UG/KG	ND	520	
PARATHION METHYL	UG/KG	ND	520	
PHORATE	UG/KG	ND	520	
SULFOTEPP	UG/KG	ND	520	
MEVINPHOS	UG/KG	ND	2700	
TRIBUTYL PHOSPHATE	%REC/SURR	59	35-130	
TRIPHENYL PHOSPHATE	%REC/SURR	54	35-130	
ANALYST	INITIALS	RP		

Comments:

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX PESTICIDES (8141)
 Analysis Method: 8141 / SW-846, 3rd Edition, Rev. 1 Sept. 1994.
 Extraction Method: 3550 / SW-846, 3rd Edition, Rev. 1 July 1994.
 Matrix: SOIL
 QC Level: IIMS

Lab Id: 002 Sample Date/Time: 22-MAY-96 0900
 Client Sample Id: CELL 2 Received Date: 28-MAY-96
 Batch: OPS004 Extraction Date: 04-JUN-96
 Blank: A Dry Weight %: 70 Analysis Date: 19-JUN-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
DIMETHOATE	UG/KG	ND	2400	
DISULFOTON	UG/KG	ND	470	
PARATHION	UG/KG	ND	470	
PARATHION METHYL	UG/KG	ND	470	
PHORATE	UG/KG	ND	470	
SULFOTEPP	UG/KG	ND	470	
MEVINPHOS	UG/KG	ND	2400	
TRIBUTYL PHOSPHATE	%REC/SURR	59	35-130	
TRIPHENYL PHOSPHATE	%REC/SURR	64	35-130	
ANALYST	INITIALS	RP		

Comments:

Analysis Report

Analysis: APPENDIX IX HERBICIDES (8150)

Accession:	605570
Client:	VICKSBURG CHEMICAL
Project Number:	N/S
Project Name:	TEMPORARY UNIT
Project Location:	VICKSBURG CHEMICAL CO.
Department:	PESTICIDES

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
Client: VICKSBURG CHEMICAL
Project Number: N/S
Project Name: TEMPORARY UNIT
Project Location: VICKSBURG CHEMICAL CO.
Test: APPENDIX IX HERBICIDES (8150)
Analysis Method: 8151 / SW-846, 3rd Edition, Rev. 0 Sept. 1994.
Extraction Method: 8151 / SW-846, 3rd Edition, Rev. 0 Sept. 1994.
Matrix: SOIL
QC Level: B

Lab Id: 001 Sample Date/Time: 22-MAY-96 0900
Client Sample Id: CELL 1 Received Date: 28-MAY-96

Batch: HES006 Extraction Date: 21-JUN-96
Blank: B Dry Weight %: 64 Analysis Date: 06-JUL-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
2,4-DICHLOROPHENOXYACETIC ACID	UG/KG	ND	3800	
DINOSEB	UG/KG	ND	230	
2,4,5-TP (SILVEX)	UG/KG	ND	630	
2,4,5-TRICHLOROPHENOXYACETIC ACID	UG/KG	ND	630	
DCAA	%REC/SURR	61	58-118	
ANALYST	INITIALS	RP		

Comments:

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX HERBICIDES (8150)
 Analysis Method: 8151 / SW-846, 3rd Edition, Rev. 0 Sept. 1994.
 Extraction Method: 8151 / SW-846, 3rd Edition, Rev. 0 Sept. 1994.
 Matrix: SOIL
 QC Level: B

Lab Id:	002	Sample Date/Time:	22-MAY-96 0900
Client Sample Id:	CELL 2	Received Date:	28-MAY-96
Batch: HES006		Extraction Date:	21-JUN-96
Blank: B	Dry Weight %: 70	Analysis Date:	06-JUL-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
2,4-DICHLOROPHENOXYACETIC ACID	UG/KG	ND	3400	
DINOSEB	UG/KG	ND	210	
2,4,5-TP (SILVEX)	UG/KG	ND	570	
2,4,5-TRICHLOROPHENOXYACETIC ACID	UG/KG	ND	570	
DCAA	%REC/SURR	74	58-118	
ANALYST	INITIALS	RP		

Comments:

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX HERBICIDES (8150)
 Analysis Method: 8151 / SW-846, 3rd Edition, Rev. 0 Sept. 1994.
 Extraction Method: 8151 / SW-846, 3rd Edition, Rev. 0 Sept. 1994.
 Matrix: SOIL
 QC Level: B

Lab Id: 003 Sample Date/Time: 22-MAY-96 0900
 Client Sample Id: CELL 3 Received Date: 28-MAY-96
 Batch: HES006 Extraction Date: 21-JUN-96
 Blank: B Dry Weight %: 73 Analysis Date: 06-JUL-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
2,4-DICHLOROPHENOXYACETIC ACID	UG/KG	ND	3300	
DINOSEB	UG/KG	ND	210	
2,4,5-TP (SILVEX)	UG/KG	ND	550	
2,4,5-TRICHLOROPHENOXYACETIC ACID	UG/KG	ND	550	
DCAA	%REC/SURR	67	58-118	
ANALYST	INITIALS	RP		

Comments:

Analysis Report

Analysis: APPENDIX IX VOLATILES (8240)

Accession:	605570
Client:	VICKSBURG CHEMICAL
Project Number:	N/S
Project Name:	TEMPORARY UNIT
Project Location:	VICKSBURG CHEMICAL CO.
Department:	ORGANIC/MS

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX VOLATILES (8240)
 Analysis Method: 8240 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992
 Extraction Method: N/A
 Matrix: SOIL
 QC Level: IIMS

Lab Id: 001
 Client Sample Id: CELL 1
 Batch: NAS042
 Blank: A
 Dry Weight %: 64
 Sample Date/Time: 22-MAY-96 0900
 Received Date: 28-MAY-96
 Extraction Date: N/A
 Analysis Date: 05-JUN-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
ACETONE	UG/KG	1300	78	
ACETONITRILE	UG/KG	ND	160	
ACROLEIN	UG/KG	ND	160	
ACRYLONITRILE	UG/KG	ND	160	
ALLYL CHLORIDE	UG/KG	ND	160	
BENZENE	UG/KG	ND	2	
BROMODICHLOROMETHANE	UG/KG	ND	2	
BROMOFORM	UG/KG	ND	3	
BROMOMETHANE	UG/KG	ND	2	
CARBON DISULFIDE	UG/KG	ND	2	
CARBON TETRACHLORIDE	UG/KG	ND	3	
CHLOROBENZENE	UG/KG	ND	2	
CHLOROETHANE	UG/KG	ND	3	
CHLOROFORM	UG/KG	ND	3	
CHLOROMETHANE	UG/KG	ND	3	
CHLOROPRENE	UG/KG	ND	8	
DIBROMOCHLOROMETHANE	UG/KG	ND	2	
1,2-DIBROMO-3-CHLOROPROPANE	UG/KG	ND	8	
DICHLORODIFLUOROMETHANE	UG/KG	ND	8	
1,1-DICHLOROETHANE	UG/KG	ND	2	
1,2-DICHLOROETHANE	UG/KG	ND	3	
1,1-DICHLOROETHENE	UG/KG	ND	2	
1,2-DICHLOROETHENE (TOTAL)	UG/KG	ND	3	
1,2-DICHLOROPROPANE	UG/KG	ND	3	
CIS-1,3-DICHLOROPROPENE	UG/KG	ND	2	
TRANS-1,3-DICHLOROPROPENE	UG/KG	ND	2	
TRANS-1,4-DICHLORO-2-BUTENE	UG/KG	ND	8	
1,4-DIOXANE	UG/KG	ND	16	
ETHYLBENZENE	UG/KG	ND	2	
ETHYL METHACRYLATE	UG/KG	ND	8	
2-HEXANONE (MBK)	UG/KG	ND	5	
ISOBUTYL ALCOHOL	UG/KG	ND	16	
METHACRYLONITRILE	UG/KG	ND	8	
METHYLENE BROMIDE	UG/KG	ND	8	
METHYLENE CHLORIDE	UG/KG	16	5	
METHYL ETHYL KETONE	UG/KG	230	5	
METHYL IODIDE	UG/KG	ND	8	
METHYL METHACRYLATE	UG/KG	ND	8	
4-METHYL-2-PENTANONE (MIBK)	UG/KG	ND	5	
PROPIONITRILE	UG/KG	ND	8	

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX VOLATILES (8240)
 Analysis Method: 8240 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992
 Extraction Method: N/A
 Matrix: SOIL
 QC Level: IIMS

Lab Id: 001 Sample Date/Time: 22-MAY-96 0900
 Client Sample Id: CELL 1 Received Date: 28-MAY-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
STYRENE	UG/KG	ND	3	
TETRACHLOROETHENE	UG/KG	ND	2	
1,1,1,2-TETRACHLOROETHANE	UG/KG	ND	3	
1,1,2,2-TETRACHLOROETHANE	UG/KG	ND	3	
TOLUENE	UG/KG	ND	8	
1,1,1-TRICHLOROETHANE	UG/KG	ND	8	
1,1,2-TRICHLOROETHANE	UG/KG	ND	3	
TRICHLOROETHENE	UG/KG	ND	2	
TRICHLOROFLUOROMETHANE	UG/KG	ND	2	
1,2,3 TRICHLOROPROPANE	UG/KG	ND	8	
VINYL ACETATE	UG/KG	ND	3	
VINYL CHLORIDE	UG/KG	ND	2	
KYLENES (TOTAL)	UG/KG	ND	3	
BROMOFLUOROENZENE	%REC/SURR	87	84-113	
1,2-DICHLOROETHANE-D4	%REC/SURR	98	70-121	
TOLUENE-D8	%REC/SURR	109	81-117	
ANALYST	INITIALS	LP		

Comments:

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Date 07-Jun-96

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX VOLATILES (8240)
 Analysis Method: 8240 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992
 Extraction Method: N/A
 Matrix: SOIL
 QC Level: IIMS

Lab Id: 002 Sample Date/Time: 22-MAY-96 0900
 Client Sample Id: CELL 2 Received Date: 28-MAY-96
 Batch: NAS042 Extraction Date: N/A
 Blank: A Dry Weight %: 70 Analysis Date: 05-JUN-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
ACETONE	UG/KG	680	71	
ACETONITRILE	UG/KG	ND	140	
ACROLEIN	UG/KG	ND	140	
ACRYLONITRILE	UG/KG	ND	140	
ALLYL CHLORIDE	UG/KG	ND	140	
BENZENE	UG/KG	ND	1	
BROMODICHLOROMETHANE	UG/KG	ND	1	
BROMOFORM	UG/KG	ND	3	
BROMOMETHANE	UG/KG	ND	1	
CARBON DISULFIDE	UG/KG	ND	1	
CARBON TETRACHLORIDE	UG/KG	ND	3	
CHLOROETHANE	UG/KG	ND	1	
CHLOROETHANE	UG/KG	ND	1	
CHLOROETHANE	UG/KG	ND	1	
CHLOROETHANE	UG/KG	ND	3	
CHLOROMETHANE	UG/KG	ND	3	
CHLOROPRENE	UG/KG	ND	7	
DIBROMOCHLOROMETHANE	UG/KG	ND	1	
1,2-DIBROMO-3-CHLOROPROPANE	UG/KG	ND	7	
DICHLORODIFLUOROMETHANE	UG/KG	ND	7	
1,1-DICHLOROETHANE	UG/KG	ND	1	
1,2-DICHLOROETHANE	UG/KG	ND	3	
1,1-DICHLOROETHENE	UG/KG	ND	1	
1,2-DICHLOROETHENE (TOTAL)	UG/KG	ND	3	
1,2-DICHLOROPROPANE	UG/KG	ND	3	
CIS-1,3-DICHLOROPROPENE	UG/KG	ND	1	
TRANS-1,3-DICHLOROPROPENE	UG/KG	ND	1	
TRANS-1,4-DICHLORO-2-BUTENE	UG/KG	ND	7	
1,4-DIOXANE	UG/KG	ND	14	
ETHYLBENZENE	UG/KG	ND	1	
ETHYL METHACRYLATE	UG/KG	ND	7	
2-HEXANONE (MBK)	UG/KG	ND	4	
ISOBUTYL ALCOHOL	UG/KG	ND	14	
METHACRYLONITRILE	UG/KG	ND	7	
METHYLENE BROMIDE	UG/KG	ND	7	
METHYLENE CHLORIDE	UG/KG	9	4	
METHYL ETHYL KETONE	UG/KG	97	4	
METHYL IODIDE	UG/KG	ND	7	
METHYL METHACRYLATE	UG/KG	ND	7	
4-METHYL-2-PENTANONE (MIBK)	UG/KG	ND	4	
PROPIONITRILE	UG/KG	ND	7	

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX VOLATILES (8240)
 Analysis Method: 8240 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992
 Extraction Method: N/A
 Matrix: SOIL
 QC Level: IIMS

Lab Id: 002 Sample Date/Time: 22-MAY-96 0900
 Client Sample Id: CELL 2 Received Date: 28-MAY-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
STYRENE	UG/KG	ND	3	
TETRACHLOROETHENE	UG/KG	ND	1	
1,1,1,2-TETRACHLOROETHANE	UG/KG	ND	3	
1,1,2,2-TETRACHLOROETHANE	UG/KG	ND	3	
TOLUENE	UG/KG	ND	7	
1,1,1-TRICHLOROETHANE	UG/KG	ND	7	
1,1,2-TRICHLOROETHANE	UG/KG	ND	3	
TRICHLOROETHENE	UG/KG	ND	1	
TRICHLOROFLUOROMETHANE	UG/KG	ND	1	
1,2,3 TRICHLOROPROPANE	UG/KG	ND	7	
VINYL ACETATE	UG/KG	ND	3	
VINYL CHLORIDE	UG/KG	ND	1	
XYLENES (TOTAL)	UG/KG	ND	3	
BROMOFLUOROBENZENE	%REC/SURR	91	84-113	
1,2-DICHLOROETHANE-D4	%REC/SURR	99	70-121	
TOLUENE-D8	%REC/SURR	108	81-117	
ANALYST	INITIALS	LP		

Comments:

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Date 07-Jun-96

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX VOLATILES (8240)
 Analysis Method: 8240 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992
 Extraction Method: N/A
 Matrix: SOIL
 QC Level: IIMS

Lab Id: 003
 Client Sample Id: CBL 3
 Batch: NAS042
 Blank: A
 Dry Weight %: 73
 Sample Date/Time: 22-MAY-96 0900
 Received Date: 28-MAY-96
 Extraction Date: N/A
 Analysis Date: 05-JUN-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
ACETONE	UG/KG	300	27	
ACETONITRILE	UG/KG	ND	140	
ACROLEIN	UG/KG	ND	140	
ACRYLONITRILE	UG/KG	ND	140	
ALLYL CHLORIDE	UG/KG	ND	140	
BENZENE	UG/KG	ND	1	
BROMODICHLOROMETHANE	UG/KG	ND	1	
BROMOFORM	UG/KG	ND	3	
BROMOMETHANE	UG/KG	ND	1	
CARBON DISULFIDE	UG/KG	ND	1	
CARBON TETRACHLORIDE	UG/KG	ND	3	
CHLOROBENZENE	UG/KG	ND	1	
CHLOROETHANE	UG/KG	ND	1	
CHLOROFORM	UG/KG	ND	3	
CHLOROMETHANE	UG/KG	ND	3	
CHLOROPRENE	UG/KG	ND	7	
DIBROMOCHLOROMETHANE	UG/KG	ND	1	
1,2-DIBROMO-3-CHLOROPROPANE	UG/KG	ND	7	
DICHLORODIFLUOROMETHANE	UG/KG	ND	7	
1,1-DICHLOROETHANE	UG/KG	ND	1	
1,2-DICHLOROETHANE	UG/KG	ND	3	
1,1-DICHLOROETHENE	UG/KG	ND	1	
1,2-DICHLOROETHENE (TOTAL)	UG/KG	ND	3	
1,2-DICHLOROPROPANE	UG/KG	ND	3	
CIS-1,3-DICHLOROPROPENE	UG/KG	ND	1	
TRANS-1,3-DICHLOROPROPENE	UG/KG	ND	1	
TRANS-1,4-DICHLORO-2-BUTENE	UG/KG	ND	7	
1,4-DIOXANE	UG/KG	ND	14	
ETHYLBENZENE	UG/KG	ND	1	
ETHYL METHACRYLATE	UG/KG	ND	7	
2-HEXANONE (MBK)	UG/KG	ND	4	
ISOBUTYL ALCOHOL	UG/KG	ND	14	
METHACRYLONITRILE	UG/KG	ND	7	
METHYLENE BROMIDE	UG/KG	ND	7	
METHYLENE CHLORIDE	UG/KG	9	4	
METHYL ETHYL KETONE	UG/KG	84	4	
METHYL IODIDE	UG/KG	ND	7	
METHYL METHACRYLATE	UG/KG	ND	7	
4-METHYL-2-PENTANONE (MIBK)	UG/KG	ND	4	
PROPIONITRILE	UG/KG	ND	7	

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX VOLATILES (8240)
 Analysis Method: 8240 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992
 Extraction Method: N/A
 Matrix: SOIL
 QC Level: IIMS

Lab Id: 003 Sample Date/Time: 22-MAY-96 0900
 Client Sample Id: CELL 3 Received Date: 28-MAY-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
STYRENE	UG/KG	ND	3	
TETRACHLOROETHENE	UG/KG	ND	1	
1,1,1,2-TETRACHLOROETHANE	UG/KG	ND	3	
1,1,2,2-TETRACHLOROETHANE	UG/KG	ND	3	
TOLUENE	UG/KG	ND	7	
1,1,1-TRICHLOROETHANE	UG/KG	ND	7	
1,1,2-TRICHLOROETHANE	UG/KG	ND	3	
TRICHLOROETHENE	UG/KG	ND	1	
TRICHLOROFLUOROMETHANE	UG/KG	ND	1	
1,2,3 TRICHLOROPROPANE	UG/KG	ND	7	
VINYL ACETATE	UG/KG	ND	3	
VINYL CHLORIDE	UG/KG	ND	1	
KYLENES (TOTAL)	UG/KG	ND	3	
BROMOFLUOROBENZENE	%REC/SURR	90	84-113	
1,2-DICHLOROETHANE-D4	%REC/SURR	97	70-121	
TOLUENE-D8	%REC/SURR	106	81-117	
ANALYST	INITIALS	LP		

Comments:

"Method Report Summary"

Accession Number: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX VOLATILES (8240)

Client Sample Id:	Parameter:	Unit:	Result:
CELL 1	ACETONE	UG/KG	1300
	METHYLENE CHLORIDE	UG/KG	16
	METHYL ETHYL KETONE	UG/KG	230
CELL 2	ACETONE	UG/KG	680
	METHYLENE CHLORIDE	UG/KG	9
	METHYL ETHYL KETONE	UG/KG	97
CELL 3	ACETONE	UG/KG	300
	METHYLENE CHLORIDE	UG/KG	9
	METHYL ETHYL KETONE	UG/KG	84

Analysis Report

Analysis: APPENDIX IX ACIDS AND BASE/NEUTRALS (8270)

Accession:	605570
Client:	VICKSBURG CHEMICAL
Project Number:	N/S
Project Name:	TEMPORARY UNIT
Project Location:	VICKSBURG CHEMICAL CO.
Department:	ORGANIC/MS

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX ACIDS AND BASE/NEUTRALS (8270)
 Analysis Method: 8270 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992.
 Extraction Method: 3550 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992.
 Matrix: SOIL
 QC Level: IIMS

Lab Id: 001
 Client Sample Id: CELL 1
 Sample Date/Time: 22-MAY-96 0900
 Received Date: 28-MAY-96
 Batch: ALS037
 Blank: A
 Dry Weight %: 64
 Extraction Date: 03-JUN-96
 Analysis Date: 08-JUN-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
P-CHLORO-M-CRESOL	UG/KG	ND	3300	
2-CHLOROPHENOL	UG/KG	ND	3300	
O-CRESOL	UG/KG	ND	3300	
M,P CRESOL	UG/KG	ND	3300	
2,4-DICHLOROPHENOL	UG/KG	ND	3300	
2,6-DICHLOROPHENOL	UG/KG	ND	3300	
2,4-DIMETHYLPHENOL	UG/KG	ND	3300	
4,6-DINITRO-O-CRESOL	UG/KG	ND	16000	
2,4-DINITROPHENOL	UG/KG	ND	3300	
2-NITROPHENOL	UG/KG	ND	3300	
4-NITROPHENOL	UG/KG	ND	16000	
PENTACHLOROPHENOL	UG/KG	ND	16000	
PHENOL	UG/KG	ND	3300	
2,3,4,6-TETRACHLOROPHENOL	UG/KG	ND	3300	
2,4,5-TRICHLOROPHENOL	UG/KG	ND	16000	
2,4,6-TRICHLOROPHENOL	UG/KG	ND	3300	
ACENAPHTHENE	UG/KG	ND	3300	
ACENAPHTHYLENE	UG/KG	ND	3300	
ACETOPHENONE	UG/KG	ND	3300	
2-ACETYLAMINOFLUORENE	UG/KG	ND	3300	
4-AMINOBIHENYL	UG/KG	ND	3300	
ANILINE	UG/KG	ND	3300	
ANTHRACENE	UG/KG	ND	3300	
ARAMITE	UG/KG	ND	3300	
BENZO (A) ANTHRACENE	UG/KG	ND	3300	
BENZO (A) PYRENE	UG/KG	ND	3300	
BENZO (B) FLUORANTHENE	UG/KG	ND	3300	
BENZO (G,H,I) PERYLENE	UG/KG	ND	3300	
BENZO (K) FLUORANTHENE	UG/KG	ND	3300	
BENZYL ALCOHOL	UG/KG	ND	3300	
BIS (2-CHLORO-1-METHYLETHYL) ETHER	UG/KG	ND	3300	
BIS (2-CHLOROETHOXY) METHANE	UG/KG	ND	3300	
BIS (2-CHLOROETHYL) ETHER	UG/KG	ND	3300	
BIS (2-ETHYLHEXYL) PHTHALATE	UG/KG	ND	3300	
4-BROMOPHENYL PHENYL ETHER	UG/KG	ND	3300	
BUTYLBENZYL PHTHALATE	UG/KG	ND	3300	
P-CHLOROANILINE	UG/KG	ND	3300	
CHLOROBENZILATE	UG/KG	ND	3300	
2-CHLORONAPHTHALENE	UG/KG	ND	3300	
4-CHLOROPHENYL PHENYL ETHER	UG/KG	ND	3300	

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX ACIDS AND BASE/NEUTRALS (8270)
 Analysis Method: 8270 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992.
 Extraction Method: 3550 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992.
 Matrix: SOIL
 QC Level: IIMS

Lab Id: 001 Sample Date/Time: 22-MAY-96 0900
 Client Sample Id: CELL 1 Received Date: 28-MAY-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
CHRYSENE	UG/KG	ND	3300	
DIALLATE	UG/KG	ND	3300	
DIBENZO (A,H) ANTHRACENE	UG/KG	ND	3300	
DIBENZOPURAN	UG/KG	ND	3300	
1,2-DICHLOROBENZENE	UG/KG	ND	3300	
1,3-DICHLOROBENZENE	UG/KG	ND	3300	
1,4-DICHLOROBENZENE	UG/KG	ND	3300	
3,3'-DICHLOROBENZIDINE	UG/KG	ND	16000	
DIETHYLPHTHALATE	UG/KG	ND	3300	
DIMETHOATE	UG/KG	ND	3300	
P-DIMETHYLAMINOAZOBENZENE	UG/KG	ND	3300	
7,12-DIMETHYLBENZ (A) ANTHRACENE	UG/KG	ND	3300	
3,3'-DIMETHYLBENZIDINE	UG/KG	ND	3300	
A,A-DIMETHYLPHENETHYLAMINE	UG/KG	ND	3300	
DIMETHYLPHTHALATE	UG/KG	ND	3300	
DI-N-BUTYLPHTHALATE	UG/KG	ND	3300	
M-DINITROBENZENE	UG/KG	ND	3300	
2,4-DINITROTOLUENE	UG/KG	ND	3300	
2,6-DINITROTOLUENE	UG/KG	ND	3300	
DI-N-OCTYLPHTHALATE	UG/KG	ND	3300	
DIPHENYLAMINE	UG/KG	ND	3300	
ETHYL METHANESULFONATE	UG/KG	ND	3300	
FAMPHUR	UG/KG	ND	3300	
FLUORANTHENE	UG/KG	ND	3300	
FLUORENE	UG/KG	ND	3300	
HEXACHLOROBENZENE	UG/KG	ND	3300	
HEXACHLOROBUTADIENE	UG/KG	ND	3300	
HEXACHLOROCYCLOPENTADIENE	UG/KG	ND	3300	
HEXACHLOROETHANE	UG/KG	ND	3300	
HEXACHLOROPHENE	UG/KG	ND	3300	
HEXACHLOROPROPENE	UG/KG	ND	3300	
INDENO (1,2,3-CD) PYRENE	UG/KG	ND	3300	
ISODRIN	UG/KG	ND	3300	
ISOPHORONE	UG/KG	ND	3300	
ISOSAFROLE	UG/KG	ND	3300	
KEPONE	UG/KG	ND	3300	
METHAPYRILENE	UG/KG	ND	3300	
3-METHYLCHOLANTHRENE	UG/KG	ND	3300	
METHYL METHANESULFONATE	UG/KG	ND	3300	
2-METHYLNAPHTHALENE	UG/KG	ND	3300	
NAPHTHALENE	UG/KG	ND	3300	
1,4-NAPHTHOQUINONE	UG/KG	ND	3300	
1-NAPHTHYLAMINE	UG/KG	ND	3300	
2-NAPHTHYLAMINE	UG/KG	ND	3300	
2-NITROANILINE	UG/KG	ND	16000	

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX ACIDS AND BASE/NEUTRALS (8270)
 Analysis Method: 8270 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992.
 Extraction Method: 3550 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992.
 Matrix: SOIL
 QC Level: IIMS

Lab Id: 001 Sample Date/Time: 22-MAY-96 0900
 Client Sample Id: CELL 1 Received Date: 28-MAY-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
3-NITROANILINE	UG/KG	ND	16000	
4-NITROANILINE	UG/KG	ND	16000	
NITROBENZENE	UG/KG	ND	3300	
5-NITRO-O-TOLUIDINE	UG/KG	ND	3300	
4-NITROQUINOLINE-1-OXIDE	UG/KG	ND	3300	
N-NITROSODIETHYLAMINE	UG/KG	ND	3300	
N-NITROSODIMETHYLAMINE	UG/KG	ND	3300	
N-NITROSODI-N-BUTYLAMINE	UG/KG	ND	3300	
N-NITROSODIPHENYLAMINE	UG/KG	ND	3300	
N-NITROSOMETHYLETHYLAMINE	UG/KG	ND	3300	
N-NITROSOMORPHOLINE	UG/KG	ND	3300	
N-NITROSOPIPERIDINE	UG/KG	ND	3300	
N-NITROSOPIRROLIDINE	UG/KG	ND	3300	
PARATHION	UG/KG	ND	3300	
PENTACHLOROENZENE	UG/KG	ND	3300	
PENTACHLOROETHANE	UG/KG	ND	3300	
PENTACHLORONITROBENZENE	UG/KG	ND	3300	
PHENACETIN	UG/KG	ND	3300	
PHENANTHRENE	UG/KG	ND	3300	
2-PICOLINE	UG/KG	ND	3300	
P-PHENYLENEDIAMINE	UG/KG	ND	3300	
PRONAMIDE	UG/KG	ND	3300	
PYRENE	UG/KG	ND	3300	
PYRIDINE	UG/KG	ND	3300	
SAFROLE	UG/KG	ND	3300	
SULFOTEPP	UG/KG	ND	3300	
1,2,4,5-TETRACHLOROENZENE	UG/KG	ND	3300	
THIONAZIN	UG/KG	ND	3300	
O-TOLUIDINE	UG/KG	ND	3300	
1,2,4 TRICHLOROENZENE	UG/KG	ND	3300	
SYM-TRINITROBENZENE	UG/KG	ND	3300	
O,O,O-TRIETHYL PHOSPHOROTHIATE	UG/KG	ND	3300	
BENZIDINE	UG/KG	ND	3300	
BIS(2-CHLOROISOPROPYL) ETHER	UG/KG	ND	3300	
2-(SEC BUTYL)4,6-DINITRO-PHENOL (DINOSEB)	UG/KG	ND	3300	
N-NITROSO-DI-N-PROPYLAMINE	UG/KG	ND	3300	
2-FLUOROBIPHENYL	*REC/SURR	100	30-115	
TERPHENYL-D14	*REC/SURR	122	18-137	
NITROBENZENE-D5	*REC/SURR	70	23-120	
2-FLUOROPHENOL	*REC/SURR	72	25-121	
PHENOL-D6	*REC/SURR	71	24-113	
2,4,6-TRIBROMOPHENOL	*REC/SURR	80	19-122	
ANALYST	INITIALS	RW		

Comments:

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX ACIDS AND BASE/NEUTRALS (8270)
 Analysis Method: 8270 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992.
 Extraction Method: 3550 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992.
 Matrix: SOIL
 QC Level: IIMS

Lab Id: 002
 Client Sample Id: CELL 2
 Sample Date/Time: 22-MAY-96 0900
 Received Date: 28-MAY-96
 Batch: ALS037
 Blank: A
 Dry Weight %: 70
 Extraction Date: 03-JUN-96
 Analysis Date: 08-JUN-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
P-CHLORO-M-CRESOL	UG/KG	ND	3300	
2-CHLOROPHENOL	UG/KG	ND	3300	
O-CRESOL	UG/KG	ND	3300	
M,P CRESOL	UG/KG	ND	3300	
2,4-DICHLOROPHENOL	UG/KG	ND	3300	
2,6-DICHLOROPHENOL	UG/KG	ND	3300	
2,4-DIMETHYLPHENOL	UG/KG	ND	3300	
4,6-DINITRO-O-CRESOL	UG/KG	ND	17000	
2,4-DINITROPHENOL	UG/KG	ND	3300	
2-NITROPHENOL	UG/KG	ND	3300	
4-NITROPHENOL	UG/KG	ND	17000	
PENTACHLOROPHENOL	UG/KG	ND	17000	
PHENOL	UG/KG	ND	3300	
2,3,4,6-TETRACHLOROPHENOL	UG/KG	ND	3300	
2,4,5-TRICHLOROPHENOL	UG/KG	ND	17000	
2,4,6-TRICHLOROPHENOL	UG/KG	ND	3300	
ACENAPHTHENE	UG/KG	ND	3300	
ACENAPHTHYLENE	UG/KG	ND	3300	
ACETOPHENONE	UG/KG	ND	3300	
2-ACETYLAMINOFLOURENE	UG/KG	ND	3300	
4-AMINOBIPHENYL	UG/KG	ND	3300	
ANILINE	UG/KG	ND	3300	
ANTHRACENE	UG/KG	ND	3300	
ARAMITE	UG/KG	ND	3300	
BENZO (A) ANTHRACENE	UG/KG	ND	3300	
BENZO (A) PYRENE	UG/KG	ND	3300	
BENZO (B) FLUORANTHENE	UG/KG	ND	3300	
BENZO (G,H,I) PERYLENE	UG/KG	ND	3300	
BENZO (K) FLUORANTHENE	UG/KG	ND	3300	
BENZYL ALCOHOL	UG/KG	ND	3300	
BIS (2-CHLORO-1-METHYLETHYL) ETHER	UG/KG	ND	3300	
BIS (2-CHLOROETHOXY) METHANE	UG/KG	ND	3300	
BIS (2-CHLOROETHYL) ETHER	UG/KG	ND	3300	
BIS (2-ETHYLHEXYL) PHTHALATE	UG/KG	ND	3300	
4-BROMOPHENYL PHENYL ETHER	UG/KG	ND	3300	
BUTYLBENZYL PHTHALATE	UG/KG	ND	3300	
P-CHLOROANILINE	UG/KG	ND	3300	
CHLOROBENZILATE	UG/KG	ND	3300	
2-CHLORONAPHTHALENE	UG/KG	ND	3300	
4-CHLOROPHENYL PHENYL ETHER	UG/KG	ND	3300	

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX ACIDS AND BASE/NEUTRALS (8270)
 Analysis Method: 8270 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992.
 Extraction Method: 3550 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992.
 Matrix: SOIL
 QC Level: IIMS

Lab Id: 002
 Client Sample Id: CELL 2
 Sample Date/Time: 22-MAY-96 0900
 Received Date: 28-MAY-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
CHRYSENE	UG/KG	ND	3300	
DIALLATE	UG/KG	ND	3300	
DIBENZO (A,H) ANTHRACENE	UG/KG	ND	3300	
DIBENZOFURAN	UG/KG	ND	3300	
1,2-DICHLOROBENZENE	UG/KG	ND	3300	
1,3-DICHLOROBENZENE	UG/KG	ND	3300	
1,4-DICHLOROBENZENE	UG/KG	ND	17000	
3,3'-DICHLOROBENZIDINE	UG/KG	ND	3300	
DIETHYLPHTHALATE	UG/KG	ND	3300	
DIMETHOATE	UG/KG	ND	3300	
P-DIMETHYLAMINOAZOBENZENE	UG/KG	ND	3300	
7,12-DIMETHYLBENZ (A) ANTHRACENE	UG/KG	ND	3300	
3,3'-DIMETHYLBENZIDINE	UG/KG	ND	3300	
A,A-DIMETHYLPHENETHYLAMINE	UG/KG	ND	3300	
DIMETHYLPHTHALATE	UG/KG	ND	3300	
DI-N-BUTYLPHTHALATE	UG/KG	ND	3300	
M-DINITROBENZENE	UG/KG	ND	3300	
2,4-DINITROTOLUENE	UG/KG	ND	3300	
2,6-DINITROTOLUENE	UG/KG	ND	3300	
DI-N-OCTYLPHTHALATE	UG/KG	ND	3300	
DIPHENYLAMINE	UG/KG	ND	3300	
ETHYL METHANESULFONATE	UG/KG	ND	3300	
FAMPHUR	UG/KG	ND	3300	
FLUORANTHENE	UG/KG	ND	3300	
FLUORENE	UG/KG	ND	3300	
HEXACHLOROBENZENE	UG/KG	ND	3300	
HEXACHLOROBUTADIENE	UG/KG	ND	3300	
HEXACHLOROCYCLOPENTADIENE	UG/KG	ND	3300	
HEXACHLOROETHANE	UG/KG	ND	3300	
HEXACHLOROPHENE	UG/KG	ND	3300	
HEXACHLOROPROPENE	UG/KG	ND	3300	
INDENO (1,2,3-CD) PYRENE	UG/KG	ND	3300	
ISODRIN	UG/KG	ND	3300	
ISOPHORONE	UG/KG	ND	3300	
ISOSAFROLE	UG/KG	ND	3300	
KEPONE	UG/KG	ND	3300	
METHAPYRILENE	UG/KG	ND	3300	
3-METHYLCHOLANTHRENE	UG/KG	ND	3300	
METHYL METHANESULFONATE	UG/KG	ND	3300	
2-METHYLNAPHTHALENE	UG/KG	ND	3300	
NAPHTHALENE	UG/KG	ND	3300	
1,4-NAPHTHOQUINONE	UG/KG	ND	3300	
1-NAPHTHYLAMINE	UG/KG	ND	3300	
2-NAPHTHYLAMINE	UG/KG	ND	17000	
2-NITROANILINE	UG/KG	ND		

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX ACIDS AND BASE/NEUTRALS (8270)
 Analysis Method: 8270 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992.
 Extraction Method: 3550 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992.
 Matrix: SOIL
 QC Level: IIMS

Lab Id: 002 Sample Date/Time: 22-MAY-96 0900
 Client Sample Id: CELL 2 Received Date: 28-MAY-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
3-NITROANILINE	UG/KG	ND	17000	
4-NITROANILINE	UG/KG	ND	17000	
NITROBENZENE	UG/KG	ND	3300	
5-NITRO-O-TOLUIDINE	UG/KG	ND	3300	
4-NITROQUINOLINE-1-OXIDE	UG/KG	ND	3300	
N-NITROSODIETHYLAMINE	UG/KG	ND	3300	
N-NITROSODIMETHYLAMINE	UG/KG	ND	3300	
N-NITROSODI-N-BUTYLAMINE	UG/KG	ND	3300	
N-NITROSODIPHENYLAMINE	UG/KG	ND	3300	
N-NITROSOMETHYLETHYLAMINE	UG/KG	ND	3300	
N-NITROSOMORPHOLINE	UG/KG	ND	3300	
N-NITROSOPIPERIDINE	UG/KG	ND	3300	
N-NITROSOPIRROLIDINE	UG/KG	ND	3300	
PARATHION	UG/KG	ND	3300	
PENTACHLOROENZENE	UG/KG	ND	3300	
PENTACHLOROETHANE	UG/KG	ND	3300	
PENTACHLORONITROBENZENE	UG/KG	ND	3300	
PHENACETIN	UG/KG	ND	3300	
PHENANTHRENE	UG/KG	ND	3300	
2-PICOLINE	UG/KG	ND	3300	
P-PHENYLENEDIAMINE	UG/KG	ND	3300	
PRONAMIDE	UG/KG	ND	3300	
PYRENE	UG/KG	ND	3300	
PYRIDINE	UG/KG	ND	3300	
SAPROLE	UG/KG	ND	3300	
SULFOTEPP	UG/KG	ND	3300	
1,2,4,5-TETRACHLOROENZENE	UG/KG	ND	3300	
THIONAZIN	UG/KG	ND	3300	
O-TOLUIDINE	UG/KG	ND	3300	
1,2,4 TRICHLOROENZENE	UG/KG	ND	3300	
SYM-TRINITROBENZENE	UG/KG	ND	3300	
O,O,O-TRIETHYL PHOSPHOROTHIATE	UG/KG	ND	3300	
BENZIDINE	UG/KG	ND	3300	
BIS(2-CHLOROISOPROPYL) ETHER	UG/KG	ND	3300	
2-(SEC BUTYL)4,6-DINITRO- PHENOL (DINOSEB)	UG/KG	ND	3300	
N-NITROSO-DI-N-PROPYLAMINE	UG/KG	ND	3300	
2-FLUOROBIPHENYL	%REC/SURR	108	30-115	
TERPHENYL-D14	%REC/SURR	136	18-137	
NITROBENZENE-D5	%REC/SURR	72	23-120	
2-FLUOROPHENOL	%REC/SURR	78	25-121	
PHENOL-D6	%REC/SURR	79	24-113	
2,4,6-TRIBROMOPHENOL	%REC/SURR	87	19-122	
ANALYST	INITIALS	RW		

Comments:

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX ACIDS AND BASE/NEUTRALS (8270)
 Analysis Method: 8270 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992.
 Extraction Method: 3550 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992.
 Matrix: SOIL
 QC Level: IIMS

Lab Id: 003
 Client Sample Id: CELL 3
 Batch: ALS037
 Blank: A
 Dry Weight %: 73
 Sample Date/Time: 22-MAY-96 0900
 Received Date: 28-MAY-96
 Extraction Date: 03-JUN-96
 Analysis Date: 08-JUN-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
P-CHLORO-M-CRESOL	UG/KG	ND	3300	
2-CHLOROPHENOL	UG/KG	ND	3300	
O-CRESOL	UG/KG	ND	3300	
M,P CRESOL	UG/KG	ND	3300	
2,4-DICHLOROPHENOL	UG/KG	ND	3300	
2,6-DICHLOROPHENOL	UG/KG	ND	3300	
2,4-DIMETHYLPHENOL	UG/KG	ND	3300	
4,6-DINITRO-O-CRESOL	UG/KG	ND	16000	
2,4-DINITROPHENOL	UG/KG	ND	3300	
2-NITROPHENOL	UG/KG	ND	3300	
4-NITROPHENOL	UG/KG	ND	16000	
PENTACHLOROPHENOL	UG/KG	ND	16000	
PHENOL	UG/KG	ND	3300	
2,3,4,6-TETRACHLOROPHENOL	UG/KG	ND	3300	
2,4,5-TRICHLOROPHENOL	UG/KG	ND	16000	
2,4,6-TRICHLOROPHENOL	UG/KG	ND	3300	
ACENAPHTHENE	UG/KG	ND	3300	
ACENAPHTHYLENE	UG/KG	ND	3300	
ACETOPHENONE	UG/KG	ND	3300	
2-ACETYLAMINOFLUORENE	UG/KG	ND	3300	
4-AMINOBIPHENYL	UG/KG	ND	3300	
ANILINE	UG/KG	ND	3300	
ANTHRACENE	UG/KG	ND	3300	
ARAMITE	UG/KG	ND	3300	
BENZO (A) ANTHRACENE	UG/KG	ND	3300	
BENZO (A) PYRENE	UG/KG	ND	3300	
BENZO (B) FLUORANTHENE	UG/KG	ND	3300	
BENZO (G,H,I) PERYLENE	UG/KG	ND	3300	
BENZO (K) FLUORANTHENE	UG/KG	ND	3300	
BENZYL ALCOHOL	UG/KG	ND	3300	
BIS(2-CHLORO-1-METHYLETHYL) ETHER	UG/KG	ND	3300	
BIS(2-CHLOROETHOXY) METHANE	UG/KG	ND	3300	
BIS(2-CHLOROETHYL) ETHER	UG/KG	ND	3300	
BIS(2-ETHYLHEXYL) PHTHALATE	UG/KG	ND	3300	
4-BROMOPHENYL PHENYL ETHER	UG/KG	ND	3300	
BUTYLBENZYL PHTHALATE	UG/KG	ND	3300	
P-CHLOROANILINE	UG/KG	ND	3300	
CHLOROBENZILATE	UG/KG	ND	3300	
2-CHLORONAPHTHALENE	UG/KG	ND	3300	
4-CHLOROPHENYL PHENYL ETHER	UG/KG	ND	3300	

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX ACIDS AND BASE/NEUTRALS (8270)
 Analysis Method: 8270 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992.
 Extraction Method: 3550 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992.
 Matrix: SOIL
 QC Level: IIMS

Lab Id: 003 Sample Date/Time: 22-MAY-96 0900
 Client Sample Id: CELL 3 Received Date: 28-MAY-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
CHRYSENE	UG/KG	ND	3300	
DIALLATE	UG/KG	ND	3300	
DIBENZO (A,H) ANTHRACENE	UG/KG	ND	3300	
DIBENZOFURAN	UG/KG	ND	3300	
1,2-DICHLOROBENZENE	UG/KG	ND	3300	
1,3-DICHLOROBENZENE	UG/KG	ND	3300	
1,4-DICHLOROBENZENE	UG/KG	ND	3300	
3,3'-DICHLOROBENZIDINE	UG/KG	ND	16000	
DIETHYLPHTHALATE	UG/KG	ND	3300	
DIMETHOATE	UG/KG	ND	3300	
P-DIMETHYLAMINOAZOBENZENE	UG/KG	ND	3300	
7,12-DIMETHYLBENZ (A) ANTHRACENE	UG/KG	ND	3300	
3,3'-DIMETHYLBENZIDINE	UG/KG	ND	3300	
A,A-DIMETHYLPHENETHYLAMINE	UG/KG	ND	3300	
DIMETHYLPHTHALATE	UG/KG	ND	3300	
DI-N-BUTYLPHTHALATE	UG/KG	ND	3300	
M-DINITROBENZENE	UG/KG	ND	3300	
2,4-DINITROTOLUENE	UG/KG	ND	3300	
2,6-DINITROTOLUENE	UG/KG	ND	3300	
DI-N-OCTYLPHTHALATE	UG/KG	ND	3300	
DIPHENYLAMINE	UG/KG	ND	3300	
ETHYL METHANESULFONATE	UG/KG	ND	3300	
FAMPHUR	UG/KG	ND	3300	
FLUORANTHENE	UG/KG	ND	3300	
FLUORENE	UG/KG	ND	3300	
HEXACHLOROBENZENE	UG/KG	ND	3300	
HEXACHLOROBUTADIENE	UG/KG	ND	3300	
HEXACHLOROCYCLOPENTADIENE	UG/KG	ND	3300	
HEXACHLOROETHANE	UG/KG	ND	3300	
HEXACHLOROPHENE	UG/KG	ND	3300	
HEXACHLOROPROPENE	UG/KG	ND	3300	
INDENO (1,2,3-CD) PYRENE	UG/KG	ND	3300	
ISODRIN	UG/KG	ND	3300	
ISOPHORONE	UG/KG	ND	3300	
ISOSAFROLE	UG/KG	ND	3300	
KEPONE	UG/KG	ND	3300	
METHAPYRILENE	UG/KG	ND	3300	
3-METHYLCHOLANTHRENE	UG/KG	ND	3300	
METHYL METHANESULFONATE	UG/KG	ND	3300	
2-METHYLNAPHTHALENE	UG/KG	ND	3300	
NAPHTHALENE	UG/KG	ND	3300	
1,4-NAPHTHOQUINONE	UG/KG	ND	3300	
1-NAPHTHYLAMINE	UG/KG	ND	3300	
2-NAPHTHYLAMINE	UG/KG	ND	3300	
2-NITROANILINE	UG/KG	ND	16000	

"FINAL REPORT FORMAT - SINGLE"

Accession: 605570
 Client: VICKSBURG CHEMICAL
 Project Number: N/S
 Project Name: TEMPORARY UNIT
 Project Location: VICKSBURG CHEMICAL CO.
 Test: APPENDIX IX ACIDS AND BASE/NEUTRALS (8270)
 Analysis Method: 8270 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992.
 Extraction Method: 3550 / SW-846, 3rd Edition, September 1986 and Rev. 1, July 1992.
 Matrix: SOIL
 QC Level: IIMS

Lab Id: 003
 Client Sample Id: CELL 3
 Sample Date/Time: 22-MAY-96 0900
 Received Date: 28-MAY-96

Parameter:	Units:	Results:	Rpt Lmts:	Q:
3-NITROANILINE	UG/KG	ND	16000	
4-NITROANILINE	UG/KG	ND	16000	
NITROBENZENE	UG/KG	ND	3300	
5-NITRO-O-TOLUIDINE	UG/KG	ND	3300	
4-NITROQUINOLINE-1-OXIDE	UG/KG	ND	3300	
N-NITROSODIETHYLAMINE	UG/KG	ND	3300	
N-NITROSODIMETHYLAMINE	UG/KG	ND	3300	
N-NITROSODI-N-BUTYLAMINE	UG/KG	ND	3300	
N-NITROSODIPHENYLAMINE	UG/KG	ND	3300	
N-NITROSOMETHYLETHYLAMINE	UG/KG	ND	3300	
N-NITROSOMORPHOLINE	UG/KG	ND	3300	
N-NITROSOPIPERIDINE	UG/KG	ND	3300	
N-NITROSOPYRROLIDINE	UG/KG	ND	3300	
PARATHION	UG/KG	ND	3300	
PENTACHLOROENZENE	UG/KG	ND	3300	
PENTACHLOROETHANE	UG/KG	ND	3300	
PENTACHLORONITROBENZENE	UG/KG	ND	3300	
PHENACETIN	UG/KG	ND	3300	
PHENANTHRENE	UG/KG	ND	3300	
2-PICOLINE	UG/KG	ND	3300	
P-PHENYLENEDIAMINE	UG/KG	ND	3300	
PRONAMIDE	UG/KG	ND	3300	
PYRENE	UG/KG	ND	3300	
PYRIDINE	UG/KG	ND	3300	
SAFROLE	UG/KG	ND	3300	
SULFOTEPP	UG/KG	ND	3300	
1,2,4,5-TETRACHLOROENZENE	UG/KG	ND	3300	
THIONAZIN	UG/KG	ND	3300	
O-TOLUIDINE	UG/KG	ND	3300	
1,2,4 TRICHLOROENZENE	UG/KG	ND	3300	
SYM-TRINITROBENZENE	UG/KG	ND	3300	
O,O,O-TRIETHYL PHOSPHOROTHIATE	UG/KG	ND	3300	
BENZIDINE	UG/KG	ND	3300	
BIS (2-CHLOROISOPROPYL) ETHER	UG/KG	ND	3300	
2- (SEC BUTYL) 4,6-DINITRO-	UG/KG	ND	3300	
PHENOL (DIMOSEB)	UG/KG	ND	3300	
N-NITROSO-DI-N-PROPYLAMINE	%REC/SURR	96	30-115	
2-FLUOROBIPHENYL	%REC/SURR	119	18-137	
TERPHENYL-D14	%REC/SURR	61	23-120	
NITROBENZENE-D5	%REC/SURR	72	25-121	
2-FLUOROPHENOL	%REC/SURR	69	24-113	
PHENOL-D6	%REC/SURR	73	19-122	
2,4,6-TRIBROMOPHENOL	INITIALS	RW		
ANALYST				

Comments:

TLI Project: 37540r1 Method 8280 PCDD/PCDF Analysis (b)
 Client Sample: CELL 1 Analysis File: E961441
 Client Project: 605570:Temporary Unit(VCC) Matrix: SOIL

PCDD/PCDF SUMMARY REPORT

Specific Analytes	Conc. (ppb)	DL (ppb)	Blank (ppb)	Definitions:
2,3,7,8-TCDD	ND	0.166	ND	<p>Conc. - The concentration of the specific analyte in the units shown.</p> <p>DL - The detection limit of the specific analyte in the units shown.</p> <p>Blank - The concentration of the method blank.</p> <p>ND - (Non-Detect) The concentration of the analyte is less than the detection limit.</p>

Total Analytes	Conc. (ppb)	DL (ppb)	
Total TCDD	ND	0.166	
Total PeCDD	ND	0.931	
Total HxCDD	ND	0.499	
Total TCDF	ND	0.133	
Total PeCDF	ND	0.649	
Total HxCDF	ND	0.366	

TLI Project: 37540r1
 Client Sample: CELL 2
 Client Project: 605570:Temporary Unit(VCC)

Method 8280 PCDD/PCDF Analysis (b)
 Analysis File: E961442
 Matrix: SOIL

PCDD/PCDF SUMMARY REPORT

Specific Analytes	Conc (ppb)	DL (ppb)	Blank (ppb)	Definitions:
2,3,7,8-TCDD	ND	0.233	ND	<p>Conc. - The concentration of the specific analyte in the units shown.</p> <p>DL - The detection limit of the specific analyte in the units shown.</p> <p>Blank - The concentration of the blank sample.</p> <p>ND - (Non-Detect) The concentration of the analyte is less than the detection limit.</p>

Total Analytes	Conc (ppb)	DL (ppb)
Total TCDD	ND	0.233
Total PeCDD	ND	1.31
Total HxCDD	ND	0.7
Total TCDF	ND	0.187
Total PeCDF	ND	0.91
Total HxCDF	0.875	0.514

TLI Project: 37540r1 Method 8280 PCDD/PCDF Analysis (b)
 Client Sample: CELL 3 Analysis File: E961443
 Client Project: 605570:Temporary Unit(VCC) Matrix: SOIL

PCDD/PCDF SUMMARY REPORT

Specific Analytes	Conc. (ppb)	DL (ppb)	Blank (ppb)	Definitions:
2,3,7,8-TCDD	ND	0.202	ND	<p>Conc. - The concentration of the specific analyte in the units shown.</p> <p>DL - The detection limit of the specific analyte in the units shown.</p> <p>Blank - The concentration of the specific analyte in the blank sample.</p> <p>ND (Not Detected) The concentration of the analyte is less than the detection limit.</p>

Total Analytes	Conc. (ppb)	DL (ppb)	
Total TCDD	ND	0.202	
Total PeCDD	ND	1.13	
Total HxCDD	ND	0.605	
Total TCDF	ND	0.161	
Total PeCDF	ND	0.787	
Total HxCDF	1.09	0.444	

Memo To: Steve Boswell

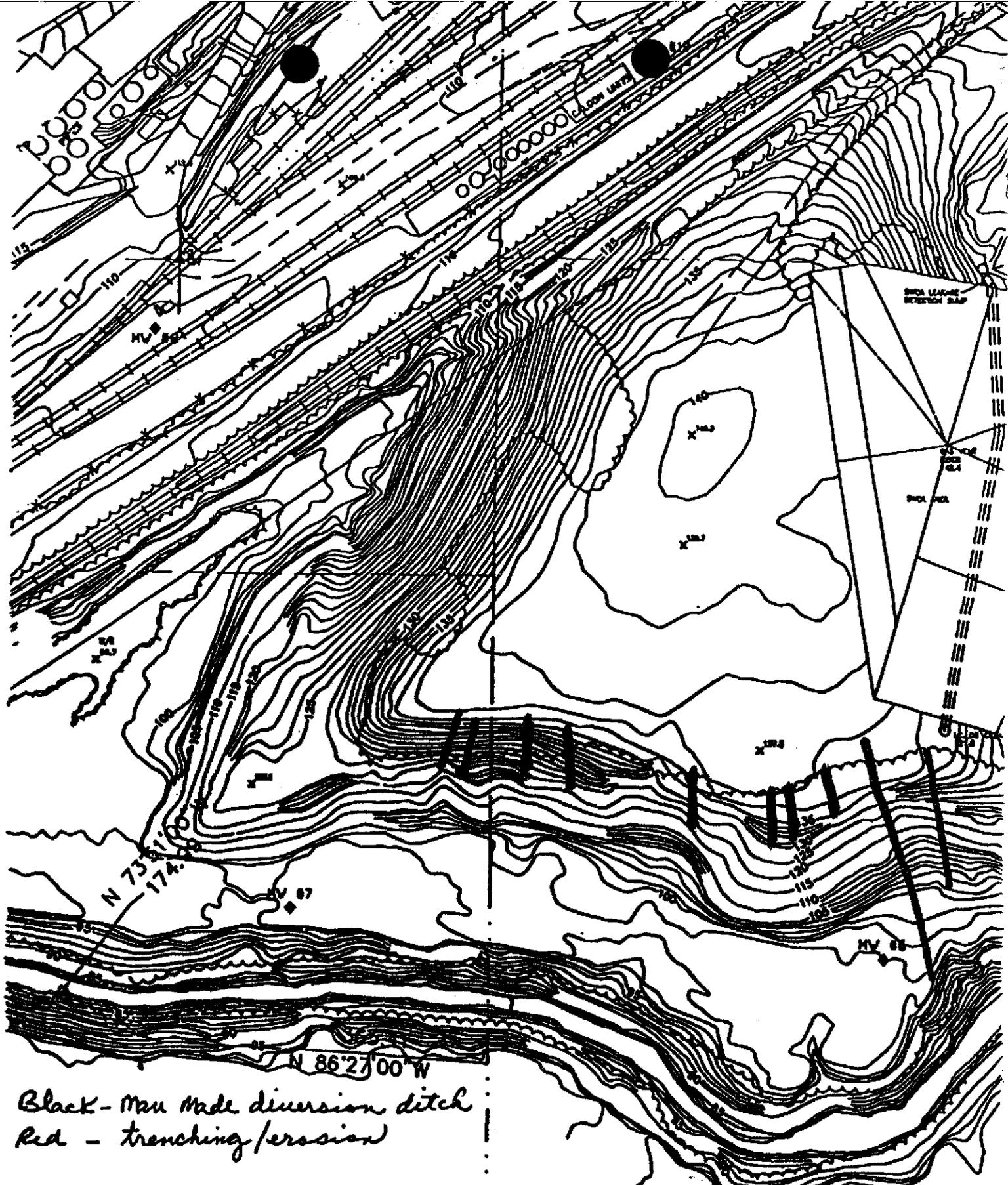
September 6, 1996

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

The Old Landfill and SWCA are in good condition. The top surface of the Old Landfill is now covered with dredged material from the "C" pond of the South Pond. No significant leaks from slurry settling have occurred. Growth of grass has increased rapidly with placement of the material from the pond.

Once sediment transfer from the pond has been finished, the material will be graded to provide and even surface.



----- AUG 96 -----
 MONTHLY INSPECTION

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 7-29 TO 8-4-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 7-29-96 Inspected by [Signature]

Results of inspection good

2. South Pond - Report level daily, keep a minimum flood guard of two feet. Inspect dike daily for washing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>7-29-96</u>	<u>8'3"</u>	<u>[Signature]</u>	Report needs for corrective action
<u>7-30-96</u>	<u>8'7"</u>	<u>[Signature]</u>	
<u>7-31-96</u>	<u>8'3"</u>	<u>[Signature]</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>8-1-96</u>	<u>7'2"</u>	<u>[Signature]</u>	
<u>8-2-96</u>	<u>7'10"</u>	<u>[Signature]</u>	
<u>8-3-96</u>	<u>6'4"</u>	<u>[Signature]</u>	
<u>8-4-96</u>	<u>6'2"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:
River line check 5/2 7-31-96 81°

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 8/5 TO 8/11/96

1. Drums in 90 Day Storage - Inspect weekly for leaks.
 Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 8/5 Inspected by [Signature]
 Results of inspection Good

2. South Pond - Record level daily, keep a minimum of two feet. Inspect dike daily for washing, sloughing. Report faster than normal lots of sloughing immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
8/5/96	6'4"	[Signature]
8/6/96	6'4"	[Signature]
8/7/96	6'4"	[Signature]
8/8/96	6'4"	[Signature]
8/9/96	6'7"	[Signature]
8-10-96	7'1"	[Signature]
8-11-96	7'8"	[Signature]

Report needs for corrective action for
 Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

Level Low OK

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 8-12-96 TO 8-18-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 8-12 Inspected by OP

Results of inspection Good no drums

2. South Pond - Record level daily, keep a minimum of two feet. Inspect dike daily for washing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
8-12-96	8'0"	OP	Report needs to be taken corrective action to:
8-13-96	7'10"	OP	
8-14-96	6'10"	OP	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
8-15-96	6'9"	OP	
8-16-96	7'0"	OP	
8-17-96	7'1"	OP	
8-18-96	7'0"	Blo	

Results of weekly inspection and actions taken:

GRASS ALL AROUND pond dykes need cutting
River line checked at 89°

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 8-19-96 TO 8-25-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date Inspected 8-19-96 Inspected by BHW

Results of Inspection Good 10 Drums

2. South Pond - ~~Inspect level daily. Maintain minimum freeboard of two feet. Inspect dike daily for washing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.~~

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
8-19	5'10"	BHW
8-20	5'10"	BHW
8-21	5'10"	BHW
8-22	5'10"	BHW
8-23	4'10"	BHW
8-24	5'10"	BHW
8-25	5'6"	BHW

Report needs for corrective action to:

Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

0800- 8-22 - RIVER LINE OK @ 97'

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 8-26 TO 9-1

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 8-26 Inspected by [Signature]

Results of inspection Good NO DRUMS

2. South Pond - Record level daily, keep a minimum record of the feet. Inspect dike daily for washing, sloughing. Report faster than normal loss of immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
<u>8-26-96</u>	<u>5'9"</u>	<u>[Signature]</u>
<u>8-27-96</u>	<u>5'9"</u>	<u>[Signature]</u>
<u>8-28-96</u>	<u>5'4"</u>	<u>[Signature]</u>
<u>8-29-96</u>	<u>5'7"</u>	<u>[Signature]</u>
<u>8-30-96</u>	<u>5'4"</u>	<u>[Signature]</u>
<u>8-31-96</u>	<u>4'10"</u>	<u>[Signature]</u>
<u>9/1/96</u>	<u>4'10"</u>	<u>[Signature]</u>

Report needs for corrective action to:
 Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

Rain Time 84° 8-26-96

Rain Time 90° 8-28-96

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P 111 274 068

VICKSBURG
chemical company

RECEIVED
AUG - 9 1996
Dept. of Environmental Quality
Office of Pollution Control

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

August 5, 1996

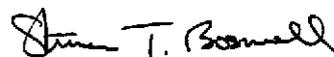
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Fifty-Two

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

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Bus: (601) 636-1231 • Fax: (601) 636-5767

VICKSBURG

chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

August 5, 1996

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Fifty-Two

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Fifty-Two, for the month of July, 1996. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 15%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins.

Summary of Changes made to the IM and RFI during the Reporting Period

Cedar requested approval of interim measures to attempt remediation of concrete flooring in SWMU No.9, using the composting technique being applied in the Temporary Unit. EPA approved this approach in a letter from Mr. James Kutzman, dated June 19, 1996.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

Projected Work for the Month

Sampling of the floor in the Dinoseb Drumming Building will be performed prior to placement of composting medium on the floor for the purpose of eliminating contamination. The samples will be

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analyzed for dinoseb and toxaphene. Following sampling, the floor of the building (SWMU 9) will be covered with a six to eight inch thick layer of compost identical to that used in the Temporary Unit.

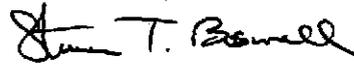
Preparation and review of the RFI Workplan, Groundwater Assessment Workplan and Preliminary Evaluation of Corrective Measures Technology Report required in the Scopes of Work is complete. Those documents accompany this report.

Results of Sampling and Analysis Activities during the Report Period

Results of sampling of the Temporary Unit are also included with this report. Dinoseb appears to have almost completely dissipated. Toxaphene appears to be decreasing from the original concentrations found, but at a slower rate.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 7-1-96 TO 7-7-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 7-1-96 Inspected by [Signature]

Results of inspection OK

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>7-1-96</u>	<u>5'4"</u>	<u>[Signature]</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>7-2-96</u>	<u>5'4"</u>	<u>[Signature]</u>	
<u>7-3-96</u>	<u>5'10"</u>	<u>[Signature]</u>	
<u>7-4-96</u>	<u>6'11"</u>	<u>[Signature]</u>	
<u>7-5-96</u>	<u>6'5"</u>	<u>[Signature]</u>	
<u>7-6-96</u>	<u>6'11"</u>	<u>[Signature]</u>	
<u>7-7-96</u>	<u>7'0"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

needs grass cut on South levee on "A" pond

River line ok

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 7-8-96 TO 7-14-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 7-8-96 Inspected by [Signature]

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
7-8-96	7'2"	[Signature]	Report needs for corrective action to:
7-9-96	7'7"	[Signature]	
7-10-96	7'5"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
7-11-96	7'4"	[Signature]	
7-12-96	7'5"	[Signature]	
7-13-96	7'7"	[Signature]	
7-14-96	7'11"	[Signature]	

Results of weekly inspection and actions taken:

* Level OK

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 7-15-96 TO 7-21-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 7-15-96 Inspected by [Signature]

Results of inspection good no drums

2. South Pond - Record level daily, keep a minimum fenceboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>7-15-96</u>	<u>9'0"</u>	<u>[Signature]</u>	Report needs for corrective action to:
<u>7-16-96</u>	<u>7'5"</u>	<u>[Signature]</u>	
<u>7-17-96</u>	<u>7'0"</u>	<u>[Signature]</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>7-18-96</u>	<u>7'11"</u>	<u>[Signature]</u>	
<u>7-19-96</u>	<u>8'3"</u>	<u>[Signature]</u>	
<u>7-20-96</u>	<u>8'0"</u>	<u>Bhw</u>	
<u>7-21-96</u>	<u>8'1"</u>	<u>Bhw</u>	

Results of weekly inspection and actions taken:

7-15-96 River line checked DR 85° - 81° - 84°

Grass around Ponds need cutting

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 7-22-96 TO 7-28-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 7-22-96 Inspected by BHW

Results of inspection Good - No Drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
7-22-96	8'4"	BHW	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
7-23-96	9'2"	BHW	
7-24-96	8'8"	BHW	
7-25-96	8'2"	BHW	
7-26-96	8'8"	BHW	
7-27-96	8'8"	[Signature]	
7-28-96	8'4"	[Signature]	

Results of weekly inspection and actions taken:

7-22- Pond To RIVER Line ok

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 7-29 TO 8-4-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 7-29-96 Inspected by [Signature]

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>7-29-96</u>	<u>9'3"</u>	<u>[Signature]</u>	Report needs for corrective action to:
<u>7-30-96</u>	<u>9'7"</u>	<u>[Signature]</u>	
<u>7-31-96</u>	<u>8'3"</u>	<u>[Signature]</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>8-1-96</u>	<u>7'2"</u>	<u>[Signature]</u>	
<u>8-2-96</u>	<u>7'0"</u>	<u>[Signature]</u>	
<u>8-3-96</u>	<u>6'1"</u>	<u>[Signature]</u>	
<u>8-4-96</u>	<u>6'2"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

River line checked 8/2 7-31-96 81°

Memo To: Steve Boswell

August 5, 1996

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

After inspecting the SWCA and Old Landfill on foot, I observed no significant change from the previous month's inspection. Four small areas approximately 3' x 6' on the west slope of the Old Landfill that were covered with fresh soil remain in good condition. Vegetation is in good condition, and growth is adequate following recent rainfall.



Black - Man Made diversion ditch
 Red - trenching/erosion

JULY 96
 MONTHLY INSPECTION

CERTIFIED MAIL
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P 875 305 033

VICKSBURG
chemical company

RECEIVED
JUL - 9 1996
Dept. of Environmental Quality
Office of Pollution Control

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

July 5, 1996

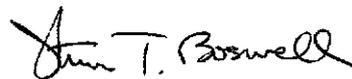
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Fifty-One

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

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P 875 305 032

VICKSBURG
chemical company

Ms. Jeanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

July 5, 1996

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Fifty-One

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Fifty, for the month of June, 1996. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 10%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins.

Summary of Changes made to the IM and RFI during the Reporting Period

Cedar requested approval of interim measures to attempt remediation of concrete flooring in SWMU No.9, using the composting technique being applied in the Temporary Unit. EPA approved this approach in a letter from Mr. James Kutzman, dated June 19, 1996.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

The Potassium People

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Projected Work for the Month

Review and evaluation of analytical data from the sampling of the Temporary Unit is expected during the month of June, 1996.

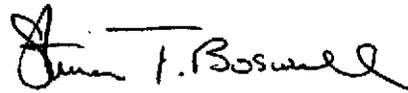
Preparation and review of the RFI Workplan, Groundwater Assessment Workplan and Preliminary Evaluation of Corrective Measures Technology Report required in the Scopes of Work is underway.

Results of Sampling and Analysis Activities during the Report Period

None. Results of sampling of the Temporary Unit are expected in the approaching week.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 6-24-96 TO 6-30-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 6-24-96 Inspected by BGW

Results of inspection OK

2. South Pond - Record level daily, keep a minimum 1-foot board of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
6/24	4'5"	BGW
6/25	3'10"	BGW
6/26	3'10"	BGW
6/27	3'10"	BGW
6/28	3'10"	BGW
6/29	3'10"	BGW
6/30	4'1"	BGW

Report needs for corrective action to:

Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

Plant - live OK

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 6-17-96 TO 6-23-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 6-17-96 Inspected by [Signature]

Results of inspection Good on drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, Report faster than normal; lots of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
<u>6-17-96</u>	<u>3'8"</u>	<u>[Signature]</u>
<u>6-18-96</u>	<u>3'11"</u>	<u>[Signature]</u>
<u>6-19-96</u>	<u>4'1"</u>	<u>[Signature]</u>
<u>6-20-96</u>	<u>4'2"</u>	<u>[Signature]</u>
<u>6-21-96</u>	<u>4'4"</u>	<u>[Signature]</u>
<u>6-22-96</u>	<u>4'4"</u>	<u>[Signature]</u>
<u>6-23-96</u>	<u>4'5"</u>	<u>[Signature]</u>

Report needs for corrective action to:
 Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

Good - River line OK - 84°

161
8/10 110/180

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 6-10-96 TO 6-16-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 6-10-96 Inspected by [Signature]
 Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	DETAILS
6-10-96	2' 11"	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
6-11-96	2' 11"	
6-12-96	2' 11"	
6-13-96	2' 10"	
6-14-96	2' 10"	
6-15-96	2' 10"	
6-16-96	3' 2"	

Results of weekly inspection and actions taken:
Running OK

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 6-3-96 TO 6-9-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 6-3-96 Inspected by Jm

Results of inspection OK

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
<u>6-3-96</u>	<u>6'2"</u>	<u>Jm</u>
<u>6-4-96</u>	<u>6'11"</u>	<u>Jm</u>
<u>6-5-96</u>	<u>6'8"</u>	<u>Jm</u>
<u>6-6-96</u>		<u>Jm</u>
<u>6-7-96</u>	<u>4'11"</u>	<u>Jm</u>
<u>6-8-96</u>	<u>3'11"</u>	<u>Jm</u>
<u>6-9-96</u>	<u>3'</u>	<u>Jm</u>

Report needs for corrective action to:

Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

River LUG OK

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 5-27-96 TO 6-2-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 5-27-96 Inspected by BHW

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
5-27-96	4' 2"	BHW
5-28-96	6' 10"	BHW
5-29-96	4' 6"	BHW
5-30-96	5' 0"	BHW
5-31-96	5' 4"	BHW
6-1-96	6' 0"	BHW
6-2-96	6' 2"	BHW

Report needs for corrective action to:

Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

5-29-96
 090-5-21 - R. Line OK

Results of weekly inspection and actions taken:

RIVER LINE OK

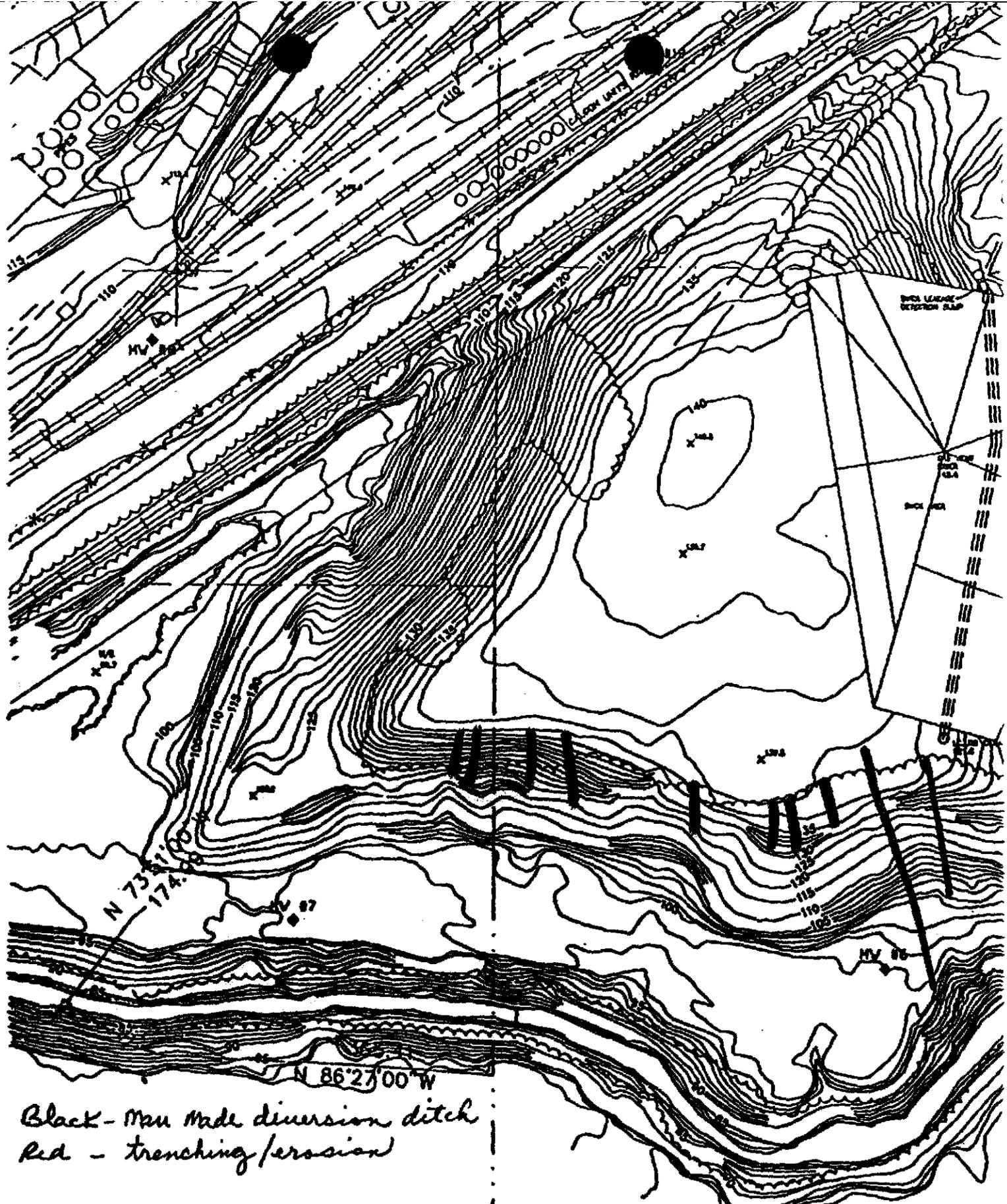
Memo To: Steve Boswell

July 5, 1996

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

After inspecting the SWCA and Old Landfill on foot, I observed no significant change from the previous month's inspection. Four small areas approximately 3' x 6' on the west slope of the Old Landfill that were covered with fresh soil remain in good condition. Vegetation is in good condition, and growth is adequate following recent rainfall.



Black - Man Made diversion ditch
 Red - trenching / erosion

JUNE 96
 MONTHLY INSPECTION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 875 305 076

VICKSBURG
chemical company

RECEIVED
JUN 11 1996
Dept. of Environmental Quality
Office of Pollution Control

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

June 10, 1996

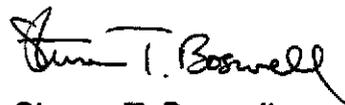
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Fifty

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

VICKSBURG

chemical company

Ms. Jeanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

June 10, 1996

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Fifty

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Fifty, for the month of May, 1996. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 10%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins.

The Temporary Unit was sampled for Appendix IX constituents on May 22, 1996. Mr. Bill Cosgrove of USEPA, ESD, was present to split samples with Cedar. Additionally samples were prepared for simultaneous analysis by ESD and Cedar's contractor, American Environmental Network (formerly ATI) for the purpose of checking analytical methodology for dinoseb and toxaphene.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

The Potassium People

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Bus: (601) 636-1231 • Fax: (601) 636-5767

Projected Work for the Month

Review and evaluation of analytical data from the sampling of the Temporary Unit is expected during the month of June, 1996.

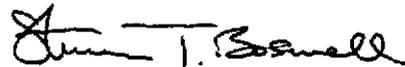
Pending final approval of the revised Preliminary Report and SWMU1 Closure Plan submitted November 2, 1995, as required by Mr. Alan Farmer's letter of October 11, preparation of the RFI Workplan required in the Scopes of Work will begin.

Results of Sampling and Analysis Activities during the Report Period

None.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 5-27-96 TO 6-2-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 5-27-96 Inspected by BHW

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
5-27-96	7'2"	BHW
5-28-96	6'10"	BHW
5-29-96	4'6"	BHW
5-30-96	5'0"	BHW
5-31-96	5'4"	BHW
6-1-96	6'0"	JW
6-2-96	6'2.1	JW

Report needs for corrective action to:

Maintenance Planner
Shift Supervisor
South Plant Supervisor
Environmental Dept.

5-30-96
0900 - RIVER LINE 84"
0900-5-31 - R. LINE OK

Results of weekly inspection and actions taken:

RIVER LINE OK

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 5-20- TO 5-26-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 5-20-96 Inspected by OS

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
5-20-96	6'1"	OS	Report needs for corrective action to:
5-21-96	6'6"	OS	
5-22-96	6'9"	OS	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
5-23-96	7'0"	OS	
5-24-96	7'4"	OS	
5-25-96	7'0"	Bhw	
5-26-96	7'0"		

Results of weekly inspection and actions taken:

River line checked

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 5/13 TO 5/19/96

28

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 5/13/96 Inspected by [Signature]

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
5/13/96	7'	[Signature]
5/14/96	7'6"	[Signature]
5/15/96	7'0"	[Signature]
5/16/96	6'7"	[Signature]
5/17/96	6'2"	[Signature]
5-18-96	6'2"	[Signature]
5-19-96	6'2"	[Signature]

Report needs for corrective action to:

Maintenance Planner
Shift Supervisor
South Plant Supervisor
Environmental Dept.

5-13-96
River line good

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 5-6-96 TO 5-12-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 5-6-96 Inspected by [Signature]

Results of inspection GOOD

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>5-6-96</u>	<u>7'4"</u>	<u>[Signature]</u>	Report needs for corrective action to:
<u>5-7-96</u>	<u>7'8"</u>	<u>[Signature]</u>	
<u>5-8-96</u>	<u>7'11"</u>	<u>[Signature]</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>5-9-96</u>	<u>8.0</u>	<u>[Signature]</u>	
<u>5-10-96</u>	<u>7'2"</u>	<u>[Signature]</u>	
<u>5-11-96</u>	<u>7'2"</u>	<u>[Signature]</u>	
<u>5-12-96</u>	<u>6'10"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

5/6/96 River Line temp 118°

5-8-96 RIVER LINE 120°

5-9-96 " " 84°

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 4-29-96 TO 5-5-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 4-29-96 Inspected by BGW

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
4-29-96	5' 11"	BGW
4-30-96	5' 8"	BGW
5-1-96	5' 10"	BGW
5-2-96	6' 1"	[Signature]
5-3-96	6' 4"	[Signature]
5-4-96	6' 11"	[Signature]
5-5-96	7' 2"	[Signature]

Report needs for corrective action to:

Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

4-29-96 - RIVER LINE ok @ 80'
 4-30-96 - RIVER LINE ok @ 139'
 5-1-96 - " " " @ 87'

Results of weekly inspection and actions taken:



Memo To: Steve Boswell

June 8, 1996

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

After inspecting the SWCA and Old Landfill on foot, I observed no significant change from the previous month's inspection. Four small areas approximately 3' x 6' on the west slope of the Old Landfill that were covered with fresh soil remain in good condition. Vegetation is in good condition, and growth is adequate following recent rainfall.

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767



Black - Man Made diversion ditch
 Red - trenching/erosion

MAY 96
 MONTHLY INSPECTION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 875 305 020

VICKSBURG
chemical company

RECEIVED
MAY 13 1996

Dept. of Environmental Quality
Office of Pollution Control

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

May 10, 1996

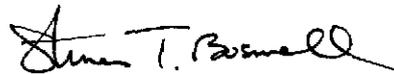
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Forty-Nine

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Vicksburg

chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

May 10, 1996

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Forty-Nine

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Forty-Nine, for the month of April, 1996. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 10%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins.

The Temporary Unit for evaluating bioremediation of soil and debris contaminated with dinoseb and toxaphene is in good condition. Visual inspection of the sump associated with the Temporary Unit indicates that the majority of dinoseb that was absorbed on the walls and floor of the sump has been degraded by the action of the composting medium placed in the sump.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Projected Work for the Month

Further sampling for dinoseb and toxaphene to monitor degradation in the Temporary Unit is planned for the month of May. Sampling that was to have been conducted in April, was again delayed. ESD personnel are scheduled to split samples with Cedar on May 22, 1996.

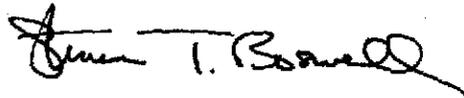
Pending final approval of the revised Preliminary Report and SWMU1 Closure Plan submitted November 2, 1995, as required by Mr. Alan Farmer's letter of October 11, preparation of the RFI Workplan required in the Scopes of Work will begin.

Results of Sampling and Analysis Activities during the Report Period

None.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

Memo To: Steve Boswell

May 8, 1996

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

After inspecting the SWCA and Old Landfill on foot, I observed no significant change from the previous month's inspection. Four small areas approximately 3' x 6' on the west slope of the Old Landfill have been covered with fresh soil. Vegetation is in good condition, and growth is adequate following recent rainfall.



Black - Man Made diversion ditch
 Red - trenching/erosion

APR 96
 MONTHLY INSPECTION

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 4-1-96 TO 4-7-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 4-1-96 Inspected by Bkw

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>4-1-96</u>	<u>4' 0"</u>	<u>Bkw</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>4-2-96</u>	<u>4' 11"</u>	<u>Bkw</u>	
<u>4-3-96</u>	<u>5' 0"</u>	<u>Bkw</u>	
<u>4-4-96</u>	<u>5' 2"</u>	<u>Bkw</u>	
<u>4-5-96</u>	<u>5'</u>	<u>WJH</u>	
<u>4-6-96</u>	<u>5' 0"</u>	<u>HJH</u>	
<u>4-7-96</u>	<u>4' 11"</u>	<u>HJH</u>	

Results of weekly inspection and actions taken:

good

4-3-96. Pond to river line ok

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 4/8 TO 4/14/96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 4/8/96 Inspected by H. Wells

Results of inspection no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>4/8/96</u>	<u>5'0"</u>	<u>[Signature]</u>	Report needs for corrective action to:
<u>4/9/96</u>	<u>4'9"</u>	<u>Hw</u>	
<u>4/10/96</u>	<u>4'11"</u>	<u>Hw</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>4/11/96</u>	<u>5'0"</u>	<u>Bh</u>	
<u>4/12/96</u>	<u>5'4"</u>	<u>[Signature]</u>	River line OK 68° 4/10/96 69°
<u>4/13/96</u>	<u>5'8"</u>	<u>[Signature]</u>	
<u>4/14/96</u>	<u>5'0"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

DK

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 4/15/96 TO 4/21/96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 4/15/96 Inspected by [Signature]

Results of inspection OK

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
4/15/96	4'9"	[Signature]	Report needs for corrective action to:
4/16/96	5'2"	[Signature]	
4/17/96	5'8"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
4/18/96	5'6"	[Signature]	
4/19/96	5'10"	[Signature]	
4-20-96	5'10"	[Signature]	
4-21-96	6'3"	[Signature]	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 4-22-96 TO 4-28-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 4-22-96 Inspected by [Signature]

Results of inspection good no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
4-22-96	6'6"	[Signature]
4-23-96	4'11"	[Signature]
4-24-96	5'0"	[Signature]
4-25-96	5'2"	[Signature]
4-26-96	4'10"	[Signature]
4-27-96	5'0"	[Signature]
4-28-96	5'8"	[Signature]

Report needs for corrective action to:
 Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

4-27-96 - 424 River line checked at -81°
 4-28-96 - 424 River line checked at 74°

Results of weekly inspection and actions taken:

good

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 4-29-96 TO 5-5-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 4-29-96 Inspected by BGW

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
4-29-96	5' 11"	BGW
4-30-96	5' 8"	BGW
5-1-96	5' 10"	BGW
5-2-96	6' 1"	[Signature]
5-3-96	6' 4"	[Signature]
5-4-96	6' 11"	[Signature]
5-5-96	7' 2"	[Signature]

Report needs for corrective action to:

Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

4-29-96 RIVER LINE @ 80'
 4-30-96 RIVER LINE @ 139'
 5-1-96 - " " @ 87'

Results of weekly inspection and actions taken:

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 875 305 001

VICKSBURG
chemical company

RECEIVED
APR 10 1996
Dept. of Environmental Quality
Office of Pollution Control

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

April 9, 1996

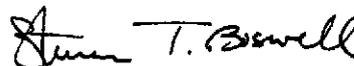
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Forty-Eight

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

VICKSBURG

chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

April 9, 1996

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Forty-Eight

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Forty-Eight, for the month of March, 1996. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 10%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins.

The Temporary Unit for evaluating bioremediation of soil and debris contaminated with dinoseb and toxaphene is in good condition. Visual inspection of the sump associated with the Temporary Unit indicates that the majority of dinoseb that was absorbed on the walls and floor of the sump has been degraded by the action of the composting medium placed in the sump.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Projected Work for the Month

Further sampling for dinoseb and toxaphene to monitor degradation in the Temporary Unit is planned for the month of April. Sampling that was to have been conducted in March, was delayed.

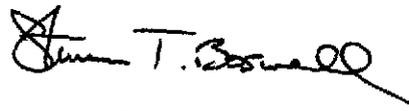
Pending final approval of the revised Preliminary Report and SWMU1 Closure Plan submitted November 2, 1995, as required by Mr. Alan Farmer's letter of October 11, preparation of the RFI Workplan required in the Scopes of Work will begin.

Results of Sampling and Analysis Activities during the Report Period

None.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 3-25-96 TO 3-31-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 3-25-96 Inspected by QJ

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
<u>3-25-96</u>	<u>4'4"</u>	<u>QJ</u>
<u>3-26-96</u>	<u>4'4"</u>	<u>QJ</u>
<u>3-27-96</u>	<u>4'7"</u>	<u>QJ</u>
<u>3-28-96</u>	<u>5'0"</u>	<u>QJ</u>
<u>3-29-96</u>	<u>4'7"</u>	<u>QJ</u>
<u>3-30-96</u>	<u>4'7"</u>	<u>B60</u>
<u>3-31-96</u>	<u>4'3"</u>	

Report needs for corrective action to:

Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

*River line check
 3-26-96
 ok*

Results of weekly inspection and actions taken:

good

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 3/18 TO 3/24/96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 3/18/96 Inspected by WJH
 Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>3/18/96</u>	<u>2'10"</u>	<u>WJH</u>	Report needs for corrective action to:
<u>3/19/96</u>	<u>3'11"</u>	<u>WJH</u>	
<u>3/20/96</u>	<u>4'0"</u>	<u>WJH</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>3/21/96</u>	<u>4'2"</u>	<u>WJH</u>	
<u>3/22/96</u>	<u>4'9"</u>	<u>WJH</u>	
<u>3-23-96</u>	<u>5'1"</u>	<u>PS</u>	
<u>3-24-96</u>	<u>5'4"</u>	<u>PS</u>	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 3/11 TO 3/17/96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 3/11/96 Inspected by A. Wells

Results of inspection all in order

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>3/11/96</u>	<u>3'6</u>	<u>AW</u>	Report needs for corrective action to:
<u>3/12/96</u>	<u>3'4</u>	<u>AW</u>	
<u>3/13/96</u>	<u>3'6</u>	<u>AW</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>3/14/96</u>	<u>3'6</u>	<u>AW</u>	
<u>3/15/96</u>	<u>3'8</u>	<u>AW</u>	
<u>3/16/96</u>	<u>3'6"</u>	<u>OS</u>	
<u>3/17/96</u>	<u>3'8"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

OK

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 3-4-96 TO 3-11-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 3-4-96 Inspected by BGW

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
3-4-96	9'1"	BGW	Report needs for corrective action to:
3-5-96	9'0"	BGW	
3-6-96	9'0"	BGW	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
3-7-96	6'10"		
3-8-96	5'8"	BGW	
3-9-96	5'0"	HW	
3-10-96	4'6"	HW	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 2-26 TO 3-1-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 2-26-96 Inspected by JK

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
2-26-96	10'0"	JK	Report needs for corrective action to:
2-27-96	10'0"	JK	
2-28-96	9'6"	JK	
2-29-96	9'5"	JK	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
3-1-96	9'3"	JK	
3-2-96	9'1"	Bka	
3-3-96	9'1"	Bka	

Results of weekly inspection and actions taken:

good



Memo To: Steve Boswell

April 8, 1996

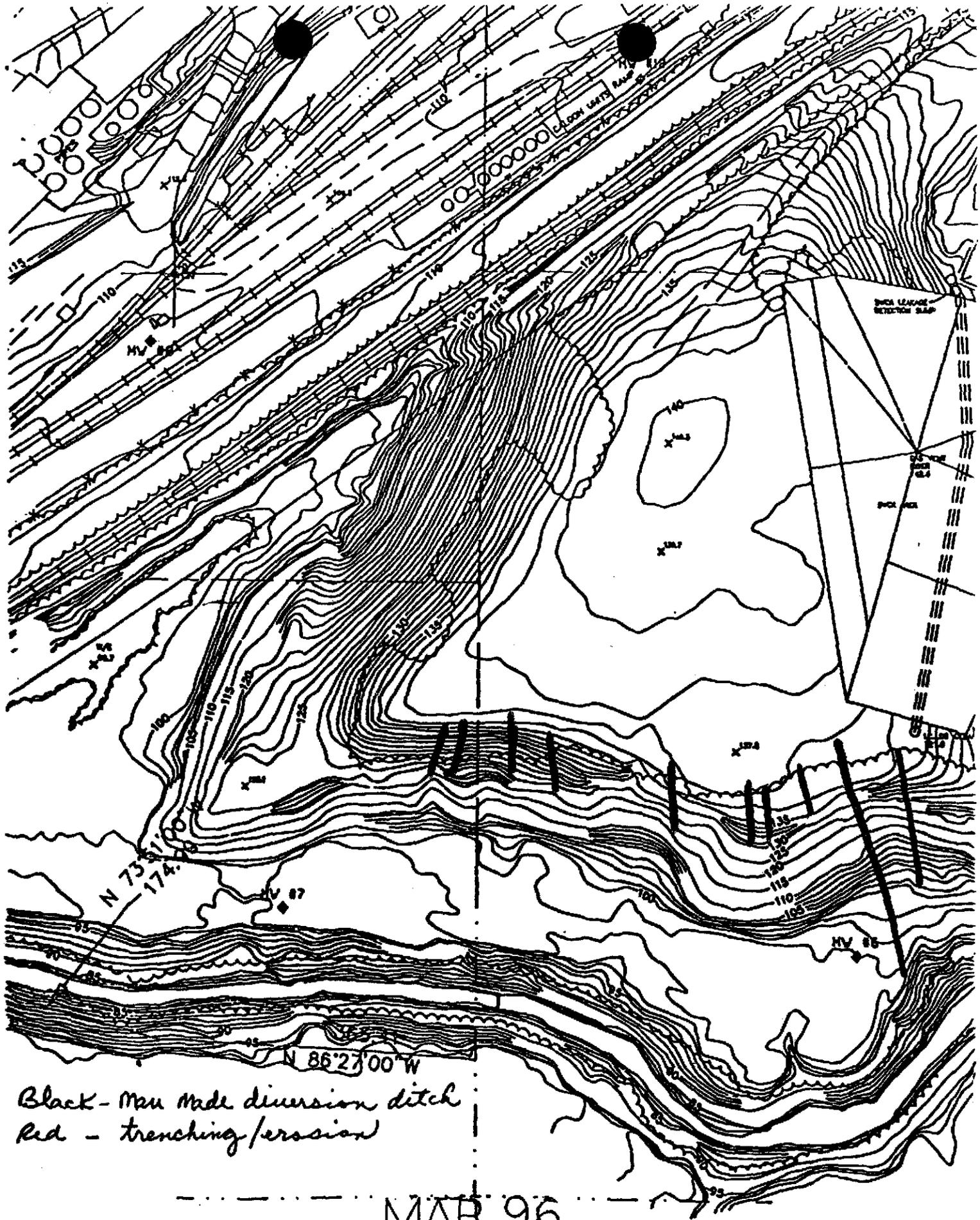
From: David U. Keen

Subject: Old Landfill & SWCA Inspection

After inspecting the SWCA and Old Landfill on foot, I observed no significant change from the previous month's inspection. Four small areas approximately 3' x 6' on the west slope of the Old Landfill have been covered with fresh soil. Vegetation is in good condition, and growth is adequate following recent rainfall, except as noted on areas recently being covered with soil this past week.

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767



Black - Man made diversion ditch
 Red - trenching/erosion

MAR 96
 MONTHLY INSPECTION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 875 304 995

VICKSBURG
chemical company

Mr. Jerry Banks, Chief
Hazardous Waste Division
Office of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

RECEIVED
MAR 11 1996
Dept. of Environmental Quality
Office of Pollution Control

March 8, 1996

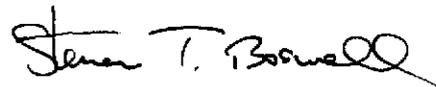
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Forty-Seven

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

VICKSBURG

chemical company

Ms. Jeaneane Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

March 8, 1996

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Forty-Seven

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Forty-Seven, for the month of February, 1996. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 10%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins.

The Temporary Unit for evaluating bioremediation of soil and debris contaminated with dinoseb and toxaphene is in good condition.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Projected Work for the Month

Further sampling for dinoseb and toxaphene to monitor degradation in the Temporary Unit is planned for the month of March.

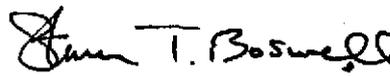
Pending final approval of the revised Preliminary Report and SWMU1 Closure Plan submitted November 2, 1995, as required by Mr. Alan Farmer's letter of October 11, preparation of the RFI Workplan required in the Scopes of Work will begin.

Results of Sampling and Analysis Activities during the Report Period

None at this time.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 2-26 TO 3-1-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 2-26-96 Inspected by PK

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
2-26-96	10'0"	PK	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
2-27-96	10'0"	PK	
2-28-96	9'6"	PK	
2-29-96	9'5"	PK	
3-1-96	9'3"	PK	
3-2-96	9'1"	Bba	
3-3-96	9'1"	Bba	

Results of weekly inspection and actions taken:

good

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 2/19/96 TO 2/25/96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 2/19/96 Inspected by [Signature]
 Results of inspection OK

2. South Pond - Record level daily, keep a minimum floatcard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>2/19/96</u>	<u>8'3"</u>	<u>[Signature]</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>2/20/96</u>	<u>8'5"</u>	<u>[Signature]</u>	
<u>2/21/96</u>	<u>9'6"</u>	<u>[Signature]</u>	
<u>2/22/96</u>	<u>10'</u>	<u>[Signature]</u>	
<u>2/23/96</u>	<u>9'8"</u>	<u>[Signature]</u>	
<u>2/24/96</u>	<u>10'0"</u>	<u>[Signature]</u>	
<u>2/25/96</u>	<u>10'0"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 2/12 TO 2/12/96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 2/12/96 Inspected by H Wells

Results of inspection no drums

2. South Pond - Record level daily, keep a minimum foreboard of two feet. Inspect dike daily for washing, sloughing, Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>2/12/96</u>	<u>5' 1"</u>	<u>Hw</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>2/13/96</u>	<u>5' 8"</u>	<u>Hw</u>	
<u>2/14/96</u>	<u>5' 11"</u>	<u>Hw</u>	
<u>2/15/96</u>	<u>6' 1"</u>	<u>Hw</u>	
<u>2/16/96</u>	<u>6' 8"</u>	<u>Hw</u>	
<u>2/17/96</u>	<u>7' 6"</u>	<u>Hw</u>	
<u>2/18/96</u>	<u>8'</u>	<u>Hw</u>	

Results of weekly inspection and actions taken:

All in order

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 2/5/96 TO 2/11/96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 2/5/96 Inspected by BHW

Results of inspection Good - NO DRUMS

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
<u>2-5-96</u>	<u>2' 11"</u>	<u>BHW</u>
<u>2-6-96</u>	<u>3' 1"</u>	<u>BHW</u>
<u>2-7-96</u>	<u>3' 10"</u>	<u>BHW</u>
<u>2-8-96</u>	<u>3' 10"</u>	<u>BHW</u>
<u>2-9-96</u>	<u>4' 2"</u>	<u>BHW</u>
<u>2-10-96</u>	<u>4' 5"</u>	<u>HW</u>
<u>2-11-96</u>	<u>4' 5"</u>	<u>HW</u>

Report needs for corrective action to:

 Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 1-29-96 TO 2-4-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1-29-96 Inspected by BO

Results of inspection good no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>1-29-96</u>	<u>4'4"</u>	<u>BO</u>	Report needs for corrective action to:
<u>1-30-96</u>	<u>3'10"</u>	<u>BO</u>	
<u>1-31-96</u>	<u>3'0"</u>	<u>BO</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>2-1-96</u>	<u>1'10"</u>	<u>BO</u>	
<u>2-2-96</u>	<u>1'10"</u>	<u>BO</u>	
<u>2-3-96</u>	<u>1'11"</u>	<u>BLW</u>	
<u>2-4-96</u>	<u>2'2"</u>	<u>BLW</u>	

Results of weekly inspection and actions taken:

Good no washes



Memo To: Steve Boswell

March 8, 1996

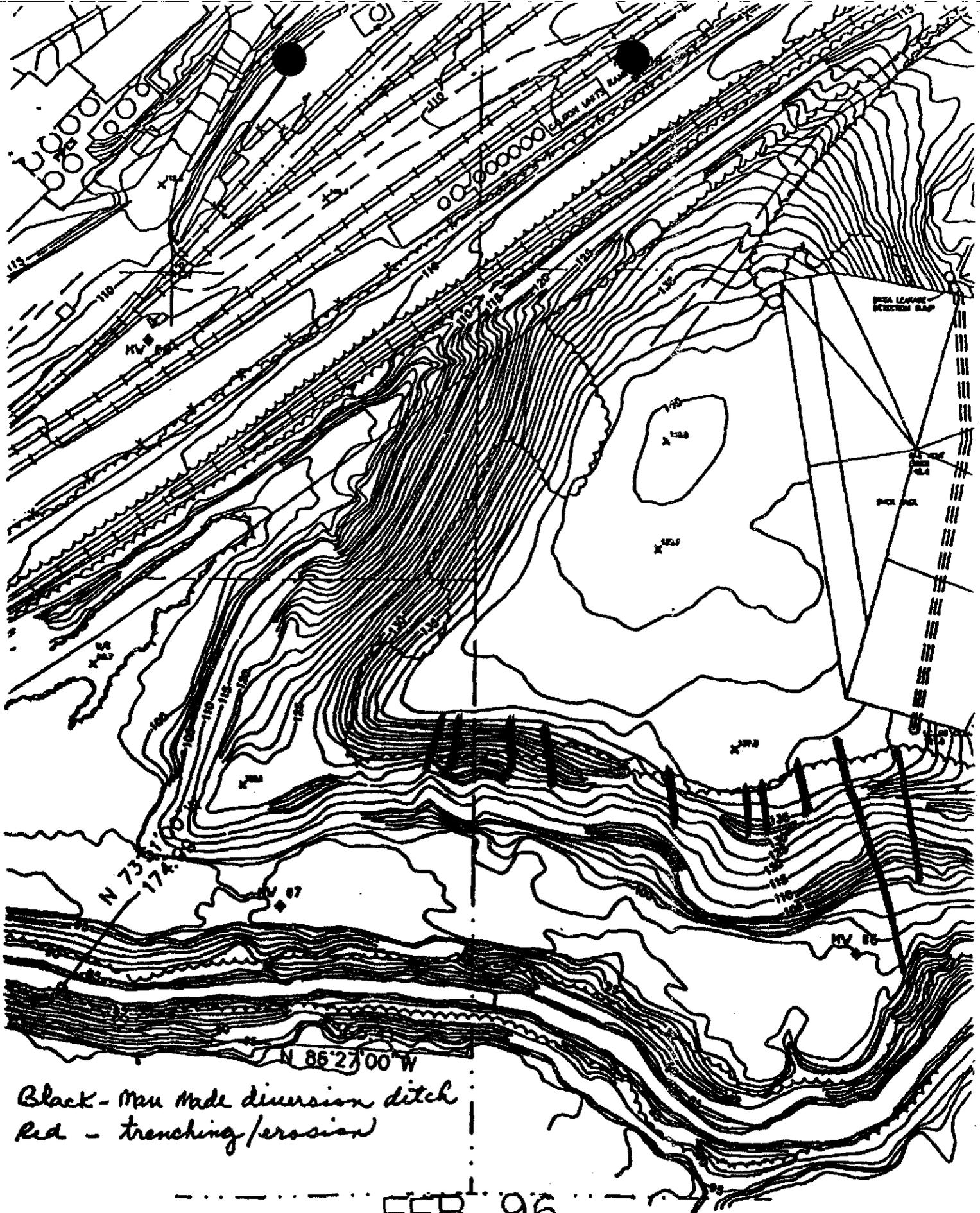
From: David U. Keen

Subject: Old Landfill & SWCA Inspection

After inspecting the SWCA and Old Landfill on foot, I observed no significant change from the previous month's inspection. Four small areas approximately 3' x 6' on the west slope of the Old Landfill that were covered with fresh soil remain in good condition. Vegetation is in good condition, and growth is adequate following recent rainfall.

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767



Black - Man Made diversion ditch
 Red - trenching/erosion

FEB 96
 MONTHLY INSPECTION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 875 305 985

VICKSBURG
chemical company

RECEIVED
FEB 12 1996

Dept. of Environmental Quality
Office of Pollution Control

Mr. Jerry Banks, Chief
Hazardous Waste Division
Office of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

February 8, 1996

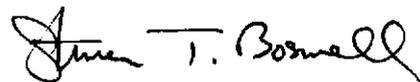
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Forty-Six

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Vicksburg

chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

February 8, 1996

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Forty-Six

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Forty-Six, for the month of January, 1996. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of RFI work completed is estimated to be 10%. Cedar received EPA's Notice of Intent to Approve the Preliminary Report and Closure Plan for SWMU 1 and published it as required in the "Vicksburg Evening Post." A copy of the proof of publication is enclosed.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins.

The Temporary Unit for evaluating bioremediation of soil and debris contaminated with dinoseb and toxaphene is in good condition.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Projected Work for the Month

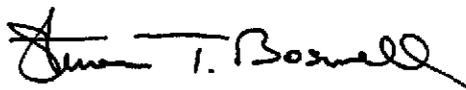
Pending final approval of the revised Preliminary Report and SWMU1 Closure Plan submitted November 2, 1995, as required by Mr. Alan Farmer's letter of October 11, preparation of the RFI Workplan required in the Scopes of Work will begin.

Results of Sampling and Analysis Activities during the Report Period

Results of analyses from the Temporary Unit taken December 12, 1995, indicate that dinoseb levels (measured by Method 8040) have fallen to 2 mg/kg or less in all three cells. Results of toxaphene analyses are inconclusive, but do appear to exhibit a trend to lower levels.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

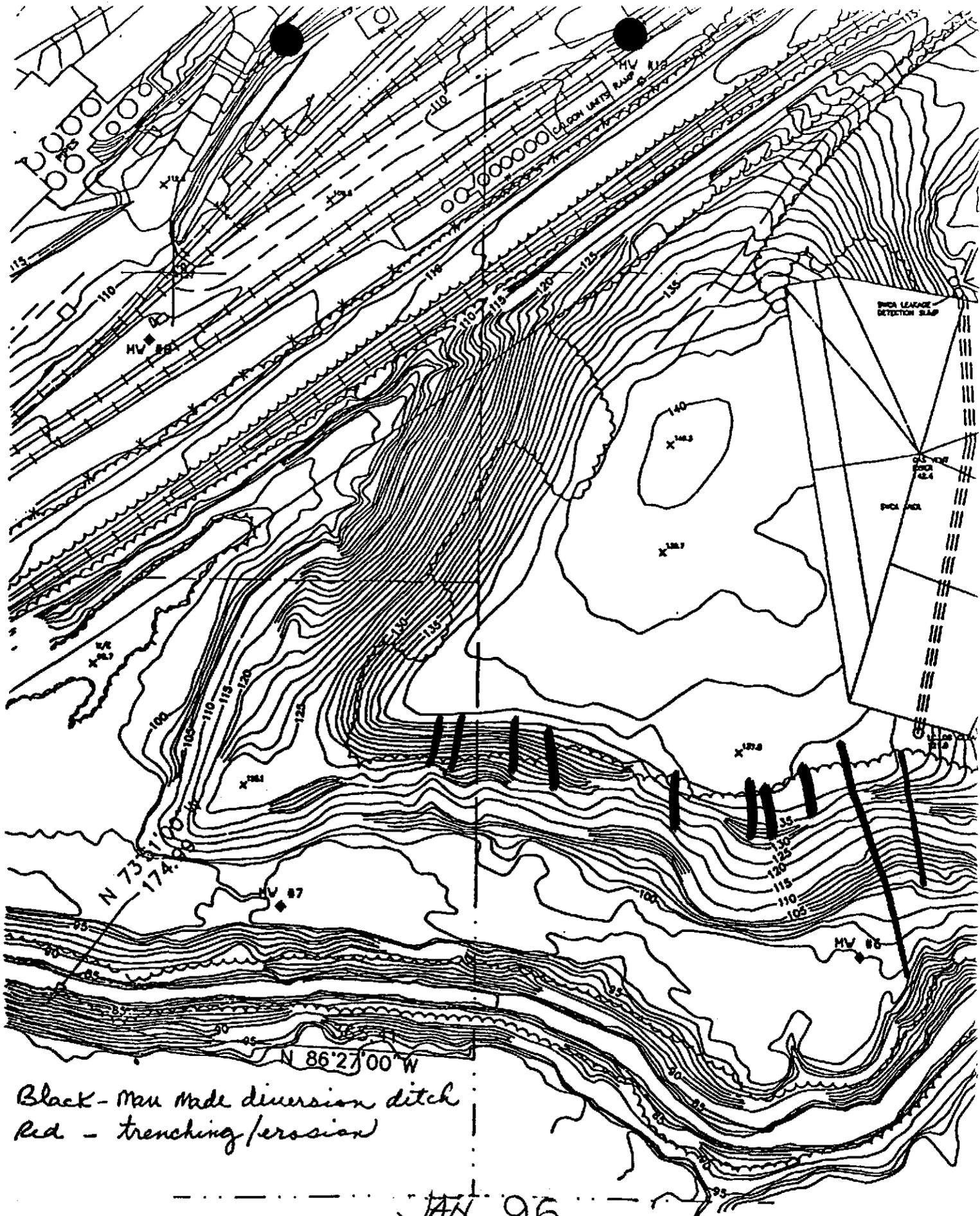
Memo To: Steve Boswell

February 8, 1996

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

After inspecting the SWCA and Old Landfill on foot, I observed no significant change from the previous month's inspection. Four small areas approximately 3' x 6' on the west slope of the Old Landfill that were covered with fresh soil remain in good condition. Vegetation is in good condition, and growth is adequate following recent rainfall.



Black - Man Made diversion ditch
 Red - trenching/erosion

JAN 96
 MONTHLY INSPECTION

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 1-29-96 TO 2-4-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1-29-96 Inspected by OS

Results of inspection good no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>1-29-96</u>	<u>4'4"</u>	<u>OS</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>1-30-96</u>	<u>3'10"</u>	<u>OS</u>	
<u>1-31-96</u>	<u>3'0"</u>	<u>OS</u>	
<u>2-1-96</u>	<u>1'10"</u>	<u>OS</u>	
<u>2-2-96</u>	<u>1'10"</u>	<u>OS</u>	
<u>2-3-96</u>	<u>1'11"</u>	<u>BHW</u>	
<u>2-4-96</u>	<u>2'2"</u>	<u>BHW</u>	

Results of weekly inspection and actions taken:

good no washes

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 1/22/96 TO 1/28/96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1/22/96 Inspected by WJA

Results of inspection Good, except for BTAL Carbon in Access in Tank PET. Pull Access BTAL Discharge Line, Still Remains Off.

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
<u>1/22/96</u>	<u>4'11"</u>	<u>WJA</u>
<u>1/23/96</u>	<u>5'</u>	<u>WJA</u>
<u>1/24/96</u>	<u>4'9"</u>	<u>WJA</u>
<u>1/25/96</u>	<u>5'</u>	<u>WJA</u>
<u>1/26/96</u>	<u>4'11"</u>	<u>WJA</u>
<u>1-27-96</u>	<u>4'0"</u>	<u>WJA</u>
<u>1-28-96</u>	<u>4'2"</u>	<u>WJA</u>

Report needs for corrective action to:
 Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 1/15 TO 1/21/96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1/15/96 Inspected by H-wells

Results of inspection NO drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>1/15/96</u>	<u>4'10</u>	<u>Hw</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>1/16/96</u>	<u>5'0</u>	<u>Hw</u>	
<u>1/17/96</u>	<u>5'0</u>	<u>Hw</u>	
<u>1/18/96</u>	<u>5'0</u>	<u>Hw</u>	
<u>1/19/96</u>	<u>4'10</u>	<u>Hw</u>	
<u>1/20/96</u>	<u>4'9"</u>	<u>[Signature]</u>	
<u>1/21/96</u>	<u>4'8"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 1-8-96 TO 1-14-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1-8-96 Inspected by BHW

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
1-8-96	5'3"	BHW	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
1-9-96	5'4"	BHW	
1-10-96	5'2"	BHW	
1-11-96	4'10"	BHW	
1-12-96	4'2"	BHW	
1-13-96	4'5"	BHW	
1-14-96	4'4"	BHW	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 1-1-96 TO 1-7-96

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1-1-96 Inspected by RY

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>1-1-96</u>	<u>4'4"</u>	<u>RY</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>1-2-96</u>	<u>4'11"</u>	<u>RY</u>	
<u>1-3-96</u>	<u>5'7"</u>	<u>RY</u>	
<u>1-4-96</u>	<u>5'4"</u>	<u>RY</u>	
<u>1-5-96</u>	<u>5'5"</u>	<u>RY</u>	
<u>1-6-96</u>	<u>5'0"</u>	<u>AW</u>	
<u>1-7-96</u>	<u>4'10"</u>	<u>BHW</u>	

Results of weekly inspection and actions taken:

good

VICKSBURG

chemical company

RECEIVED
JAN 5 - 1996
Dept. of Environmental Quality
Office of Pollution Control

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 875 305 048

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

January 2, 1996

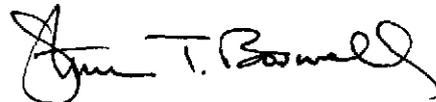
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Forty-Five

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

VICKSBURG chemical company

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 875 305 050

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

January 2, 1996

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Forty-Five

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Forty-Five, for the month of December, 1995. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of Interim Measures completed is estimated to be 5%. The percentage of RFI work completed is estimated to be 10%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. The west surface of the "Old Landfill" has been stabilized.

The Temporary Unit for evaluating bioremediation of soil and debris contaminated with dinoseb and toxaphene is in good condition.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

The Potassium People

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Actions taken to Rectify Problems

None.

Changes in Personnel

None

Projected Work for the Month

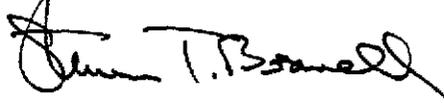
Pending approval of the revised Preliminary Report and SWMU1 Closure Plan submitted November 2, 1995, as required by Mr. Alan Farmer's letter of October 11, preparation of the RFI Workplan required in the Scopes of Work will begin.

Results of Sampling and Analysis Activities during the Report Period

Results of analyses from the Temporary Unit taken December 12, 1995, have not been received as of this writing.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 12/25/95 TO 12-31-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 12/25/95 Inspected by [Signature]

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>12-25-95</u>	<u>4'6"</u>	<u>[Signature]</u>	Report needs for corrective action to:
<u>12-26-95</u>	<u>5'</u>	<u>[Signature]</u>	
<u>12-27-95</u>	<u>4'11"</u>	<u>[Signature]</u>	
<u>12-28-95</u>	<u>4'</u>	<u>[Signature]</u>	Maintenance Planner
<u>12-29-95</u>	<u>3'</u>	<u>[Signature]</u>	Shift Supervisor
<u>12-30-95</u>	<u>3'0"</u>	<u>[Signature]</u>	South Plant Supervisor
<u>12-31-95</u>	<u>3'7"</u>	<u>[Signature]</u>	Environmental Dept.

Results of weekly inspection and actions taken:

Good

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 12-18-95 TO 12-24-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 12-18-95 Inspected by OS

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>12-18-95</u>	<u>3'1"</u>	<u>OS</u>	Report needs for corrective action to:
<u>12-19-95</u>	<u>2'6"</u>	<u>OS</u>	
<u>12-20-95</u>	<u>3'1"</u>	<u>OS</u>	
<u>12-21-95</u>	<u>3'1"</u>	<u>BLW</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>12-22-95</u>	<u>3'0"</u>	<u>OS</u>	
<u>12-23-95</u>	<u>3'4"</u>	<u>OS</u>	
<u>12-24-95</u>	<u>3'11"</u>	<u>OS</u>	

Results of weekly inspection and actions taken:

good

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 12/11/95 TO 12/17/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 12/11/95 Inspected by WJH

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
12/11/95	4'10"	WJH
12/12/95	4'5"	WJH
12/13/95	4'2"	WJH
12-14-95	4'4"	BY
12-15-95	4'2"	BHW
12/16/95	3'11"	HW
12/17/95	3'10"	HW

Report needs for corrective action to:

Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

Good

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 12-4-95 TO 12-10-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 12-4-95 Inspected by GA

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
12-4-95	5'11"	GA	Report needs for corrective action to:
12-5-95	6'1"	GA	
12-6-95	5'11"	GA	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
12-7-95	6'1"	GA	
12-8-95	6'4"	GA	
12-9-95	5'3"	WHL	
12-10-95	5'3"	WHL	

Results of weekly inspection and actions taken:

good

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 11-27 TO 12/3/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 11/27/95 Inspected by [Signature]
 Results of inspection OK

2. South Pond - Record level daily, keep a minimum fenceboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
11/27/95	7'6"	[Signature]
11/28/95	7'0"	[Signature]
11/29/95	5'10"	[Signature]
11/30/95	5'8"	[Signature]
12/1/95	5'10"	[Signature]
12/21/95	5'5"	HW
12/31/95	5'10"	HW

Report needs for corrective action to:
 Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

good



Memo To: Steve Boswell

January 2, 1996

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

After inspecting the SWCA and Old Landfill on foot, I observed no significant change from the previous month's inspection. Four small areas approximately 3' x 6' on the west slope of the Old Landfill that were covered with fresh soil remain in good condition. Vegetation is in good condition, and growth is adequate following recent rainfall.

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767



RECEIVED
DEC 11 1995
Dept. of Environmental Quality
Office of Pollution Control

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 875 305 047

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

December 5, 1995

Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Forty-Four

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767



Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

December 6, 1995

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Forty-Four

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Forty-Four, for the month of November, 1995. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of Interim Measures completed is estimated to be 5%. The percentage of RFI work completed is estimated to be 10%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. The west surface of the "Old Landfill" has been stabilized. The four small areas of erosion covered with clean soil during the summer remain in good condition.

The Temporary Unit for evaluating bioremediation of soil and debris contaminated with dinoseb and toxaphene is in good condition.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

The Potassium People

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Projected Work for the Month

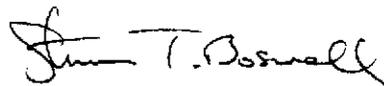
Sampling of the Temporary Unit to monitor degradation of dinoseb, toxaphene and atrazine is scheduled for December 12, 1995. Pending approval of the revised Preliminary Report and SWMU1 Closure Plan submitted November 2, 1995, as required by Mr. Alan Farmer's letter of October 11, preparation of the RFI Workplan required in the Scopes of Work will begin.

Results of Sampling and Analysis Activities during the Report Period

None with this report. A separate report will be prepared describing sampling and analytical results for Vicksburg's Temporary Unit.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 11-27 TO 12/3/85

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 11/27/85 Inspected by [Signature]

Results of inspection OK

2. South Pond - Record level daily, keep a minimum forecast of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
11/27/85	7'6"	[Signature]	Report needs for corrective action to:
11/28/85	7'0"	[Signature]	
11/29/85	5'10"	[Signature]	
11/20/85	5'8"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
12/1/85	5'10"	[Signature]	
12/21/85	5'5"	[Signature]	
12/3/85	5'10"	[Signature]	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 11/20 TO 11/26/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 11/20/95 Inspected by A. White

Results of inspection no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>11/20/95</u>	<u>7'4"</u>	<u>HW</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>11/21/95</u>	<u>7'4"</u>	<u>HW</u>	
<u>11/22/95</u>	<u>7'4"</u>	<u>HW</u>	
<u>11/23/95</u>	<u>7'7"</u>	<u>HW</u>	
<u>11/24/95</u>	<u>7'6"</u>	<u>HW</u>	
<u>11/25/95</u>	<u>7'8"</u>	<u>[Signature]</u>	
<u>11/26/95</u>	<u>7'10"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

All in order

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 11-13-95 TO 11-19-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 11-13-95 Inspected by Bhw

Results of inspection good

2. South Pond - Record level daily, keep a minimum foreboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>11-13-95</u>	<u>7'0"</u>	<u>Bhw</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>11-14-95</u>	<u>7'4"</u>	<u>Bhw</u>	
<u>11-15-95</u>	<u>7'6"</u>	<u>Bhw</u>	
<u>11-16-95</u>	<u>7'4"</u>	<u>Bhw</u>	
<u>11-17-95</u>	<u>7'2"</u>	<u>Bhw</u>	
<u>11-18-95</u>	<u>7'2"</u>	<u>Hw</u>	
<u>11-19-95</u>	<u>7'4"</u>	<u>Hw</u>	

Results of weekly inspection and actions taken:

good

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 11-6-95 TO 11-12-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 11-6-95 Inspected by JR

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
<u>11-6-95</u>	<u>9'0"</u>	<u>JR</u>
<u>11-7-95</u>	<u>8'6"</u>	<u>JR</u>
<u>11-8-95</u>	<u>8'0"</u>	<u>JR</u>
<u>11-9-95</u>	<u>8'0"</u>	<u>JR</u>
<u>11-10-95</u>	<u>8'0"</u>	<u>JR</u>
<u>11-11-95</u>	<u>6'6"</u>	<u>Bha</u>
<u>11-12-95</u>	<u>7'0"</u>	

Report needs for corrective action to:
 Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

good

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF OCT. 30 TO NOV. 5, 1995

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected OCT. 30, 95 Inspected by W. H. ALLEN

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
OCT. 30	8'4"	WHA	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
OCT. 31	8'4"	WHA	
NOV. 1	9'	WHA	
NOV. 2	10'4"	WHA	
NOV. 3	8'4"	WHA	
NOV. 4	8'8"	BS	
NOV. 5	9'0"	BS	

Results of weekly inspection and actions taken:



Memo To: Steve Boswell

December 5, 1995

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

After inspecting the SWCA and Old Landfill on foot, I observed no significant change from the previous month's inspection. Four small areas approximately 3' x 6' on the west slope of the Old Landfill that were covered with fresh soil remain in good condition. Vegetation is in good condition, and growth is adequate following recent rainfall.

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767



Black - Man Made diversion ditch
 Red - trenching/erosion

NOV. 95
 MONTHLY INSPECTION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 875 305 066

VICKSBURG
chemical company

RECEIVED

NOV 14 1995

Dept. of Environmental Quality
Office of Pollution Control

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

November 8, 1995

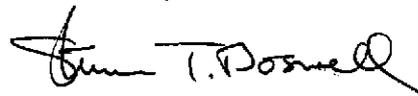
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Forty-Three

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Vicksburg

chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

November 8, 1995

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Forty-Three

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Forty-Three, for the month of October, 1995. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of Interim Measures completed is estimated to be 5%. The percentage of RFI work completed is estimated to be 10%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. The west surface of the "Old Landfill" has been stabilized. The four small areas of erosion covered with clean soil during the summer remain in good condition.

The Temporary Unit for evaluating bioremediation of soil and debris contaminated with dinoseb and toxaphene is in good condition.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Projected Work for the Month

Sampling of the Temporary Unit to monitor degradation of dinoseb, toxaphene and atrazine is scheduled for November 14, 1995. Pending approval of the revised Preliminary Report and SWMU1 Closure Plan submitted November 2, 1995, as required by Mr. Alan Farmer's letter of October 11, preparation of the RFI Workplan required in the Scopes of Work will begin.

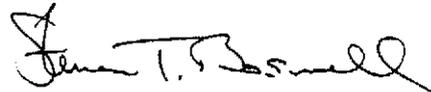
Results of Sampling and Analysis Activities during the Report Period

Samples from the Temporary Unit were taken on September 14, 1995. The samples were split with representatives of EPA's ESD unit from Athens, GA. At the time of this report, complete results have not been received. There appear to be discrepancies between analytical results from Analytical Technologies, Inc. (ATI), and EPA's Athens, GA, lab and the predicted level in the mixed material. Although both laboratories have found very similar levels of dinoseb in the split samples, the indicated levels are not consistent with the levels expected based on knowledge of the concentration of dinoseb in the unmixed, contaminated material. Representatives of ATI have contacted the ESD laboratory to discuss and compare analytical procedures and results. The full results of the Appendix IX analyses will be forwarded as soon as a final report is received.

Sampling of the Temporary Unit was conducted on October 14, 1995, to track degradation of dinoseb, toxaphene and atrazine. Results are being reviewed with respect to the discrepancies mentioned above. Results of toxaphene analyses indicate some decrease in toxaphene concentrations, but the levels found are still within the range of sample-to-sample variability that might be expected to be found in the mixed material at the beginning of the test.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

Memo To: Steve Boswell

November 8, 1995

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

After inspecting the SWCA and Old Landfill on foot, I observed no significant change from the previous month's inspection. Four small areas approximately 3' x 6' on the west slope of the Old Landfill that were covered with fresh soil remain in good condition. Vegetation is in good condition, and growth is adequate following recent rainfall.

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF OCT. 30 TO NOV. 5, 1995

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected OCT. 30, 95 Inspected by W. H. ALLEN
 Results of inspection GOOD

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
OCT. 30	8'4"	W. H. ALLEN	Report needs for corrective action to:
OCT. 31	8'4"	W. H. ALLEN	
NOV. 1	9'	W. H. ALLEN	
NOV. 2	10'4"	W. H. ALLEN	Maintenance Planner
NOV. 3	8'4"	W. H. ALLEN	Shift Supervisor
NOV. 4	8'8"	OS	South Plant Supervisor
NOV. 5	9'0"	OS	Environmental Dept.

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 10/23 TO 10/29/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 10/23/95 Inspected by H. Wells

Results of inspection All in order - no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>10/23/95</u>	<u>8'0</u>	<u>Hw</u>	Report needs for corrective action to:
<u>10/24/95</u>	<u>8'0</u>	<u>Hw</u>	
<u>10/25/95</u>	<u>8' +</u>	<u>Hw</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>10/26/95</u>	<u>8' +</u>	<u>Hw</u>	
<u>10/27/95</u>	<u>7' 0</u>	<u>Hw</u>	
<u>10/28/95</u>	<u>8'</u>	<u>[Signature]</u>	
<u>10/29/95</u>	<u>8'</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

All in order

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 10-16 TO 10-22-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 10-16-95 Inspected by Bhw

Results of inspection GOOD

2. South Pond - Record level daily, keep a minimum forecast of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>10-16-95</u>	<u>8'4"</u>	<u>Bhw</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>10-17-95</u>	<u>8'5"</u>	<u>Bhw</u>	
<u>10-18-95</u>	<u>8'6"</u>	<u>Bhw</u>	
<u>10-19-95</u>	<u>8'6"</u>	<u>Bhw</u>	
<u>10-20-95</u>	<u>8'6"</u>	<u>Bhw</u>	
<u>10-21-95</u>	<u>8'5"</u>	<u>Hw</u>	
<u>10-22-95</u>	<u>8'0"</u>	<u>Hw</u>	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 10-9-95 TO 10-15-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 10-9-95 Inspected by JH

Results of inspection ok good

2. South Pond - Record level daily, keep a minimum forecast of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>10-9-95</u>	<u>8'0"</u>	<u>JH</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>10-10-95</u>	<u>7'6"</u>	<u>JH</u>	
<u>10-11-95</u>	<u>7'0"</u>	<u>JH</u>	
<u>10-12-95</u>	<u>7'6"</u>	<u>JH</u>	
<u>10-13-95</u>	<u>8'0"</u>	<u>JH</u>	
<u>10-14-95</u>	<u>8'4"</u>	<u>BGW</u>	
<u>10-15-95</u>	<u>8'5"</u>	<u>BGW</u>	

Results of weekly inspection and actions taken:

good

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 10-2-95 TO 10-8-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 10-2-95 Inspected by [Signature]
 Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
10-2-95	7'4"	[Signature]	Report needs for corrective action to:
10-3-95	7'7"	[Signature]	
10-4-95	7'0"	[Signature]	
10-5-95	7'4"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
10-6-95	8'3"	[Signature]	
10-7-95	8'0"	[Signature]	
10-8-95	8'0"	[Signature]	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 9-25-95 TO 10-1-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected HW/MS Inspected by 9/25/95

Results of inspection Good - no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
9-25-95	5' 2"	HW	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
9-26-95	6' 0"	HW	
9-27-95	6' 5"	HW	
9-28-95	7' 0"	HW	
9-29-95	7' 4"	HW	
9-30-95	7' 2"	WJD	
10-1-95	7' 11"	WJD	

Results of weekly inspection and actions taken:

OK

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 388 960 448

Vicksburg
chemical company

RECEIVED
SEP 12 1995
Dept. of Environmental Quality
Office of Pollution Control

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

September 7, 1995

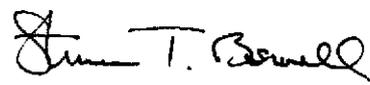
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Forty-One

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

VICKSBURG

chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

September 7, 1995

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Forty-One

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Forty-One, for the month of August, 1995. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of Interim Measures completed is estimated to be 5%. The percentage of RFI work completed is estimated to be 10%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. The west surface of the "Old Landfill" has been stabilized. The four small areas of erosion have been covered with clean soil.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None.

Changes in Personnel

None

The Potassium People

Projected Work for the Month

Startup of the Temporary Unit to investigate the potential for larger scale bioremediation is set to begin in mid-September. Delivery of the composting medium will begin on Monday, September 11, 1995. Mixing and placement of the material in the unit will take place on Tuesday and Wednesday, the 12th and 13th. Sampling is scheduled to take place on Thursday, September 14.

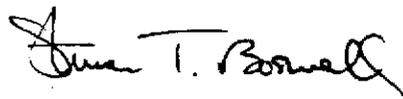
Approximately 135 cu.yds. of contaminated media will be mixed with composting cotton gin waste and the mix will be placed in the Temporary Unit where biological breakdown of contaminants such as dinoseb and toxaphene will be monitored. The mix will be sampled and analyzed for 40 CFR 264. Appendix IX constituents at the start and at a later date (presently thought to be about six months hence). Dinoseb, toxaphene and atrazine will be monitored monthly. Representatives from the USEPA ESD Unit in Athens, GA, are scheduled to observe the sampling and collect split samples at the start-up of the unit, as discussed with Mr. Bill Cosgrove of that office.

Results of Sampling and Analysis Activities during the Report Period

No samples were taken or analyzed for work to be performed under the Decree.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 8/22/95 TO 9/3/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 8/22/95 Inspected by A. Wells

Results of inspection _____

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
8/28/95	4'4"	HW	Report needs for corrective action to:
8/29/95	4'3"	HW	
8/30/95	4'3"	HW	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
8/31/95	4'4"	HW	
9/1/95	4'3"	HW	
9/2/95	4'4"	HW	
9/3/95	4'7"	HW	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 8-21 TO 8/27/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 8-21-95 Inspected by BHW

Results of inspection Good NO DRUMS

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>8-21-95</u>	<u>4'7"</u>	<u>Bhw</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>8-22-95</u>	<u>4'7"</u>	<u>Bhw</u>	
<u>8-23-95</u>	<u>4'8"</u>	<u>Bhw</u>	
<u>8-24-95</u>	<u>4'6"</u>	<u>Bhw</u>	
<u>8-25-95</u>	<u>4'6"</u>	<u>Bhw</u>	
<u>8-26-95</u>	<u>4'8"</u>	<u>HW</u>	
<u>8-27-95</u>	<u>4'8"</u>	<u>HW</u>	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 8-14-85 TO 8-20-85

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 8-14-85 Inspected by AS

Results of inspection good no drums

2. South Pond - Record level daily, keep a minimum freboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>8-4-85</u>	<u>3'10"</u>	<u>AS</u>	Report needs for corrective action to:
<u>8-5-85</u>	<u>3'11"</u>	<u>AS</u>	
<u>8-13-85</u>	<u>4'0"</u>	<u>AS</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>8-17-85</u>	<u>4'0"</u>	<u>AS</u>	
<u>8-18-85</u>	<u>4'3"</u>	<u>AS</u>	
<u>8-19-85</u>	<u>4'3"</u>	<u>AS</u>	
<u>8-20-85</u>			

Results of weekly inspection and actions taken:

no leaks

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 8-7-95 TO 8-13-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 8/7/95 Inspected by [Signature]

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
8-7-95	5'1"	[Signature]	Report needs for corrective action to:
8-8-95	5'2"	[Signature]	
8-9-95	4'11"	[Signature]	
8-10-95	4'0"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
8-11-95	3'6"	[Signature]	
8-12-95	3'2"	[Signature]	
8-13-95	3'6"	[Signature]	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 7/31 TO 8/2/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 7/31/95 Inspected by [Signature]

Results of inspection no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>7/31/95</u>	<u>5'5"</u>	<u>[Signature]</u>	Report needs for corrective action to:
<u>8/1/95</u>	<u>5'3"</u>	<u>[Signature]</u>	
<u>8/2/95</u>	<u>5'0"</u>	<u>[Signature]</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>8/3/95</u>	<u>4'11"</u>	<u>[Signature]</u>	
<u>8/4/95</u>	<u>5'11"</u>	<u>[Signature]</u>	
<u>8/5/95</u>	<u>5'4"</u>	<u>[Signature]</u>	
<u>8/6/95</u>	<u>5'3"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

OK

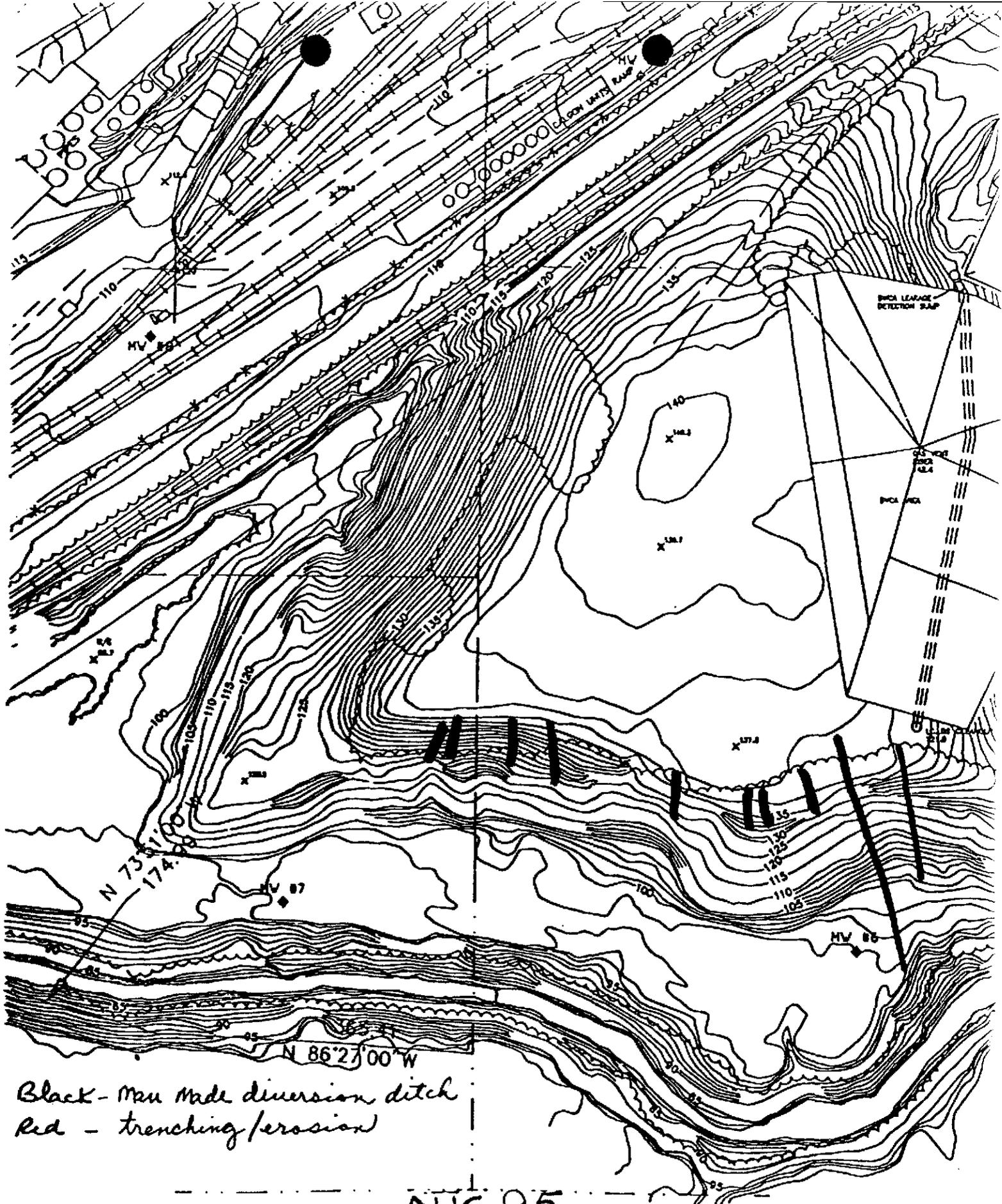
Memo To: Steve Boswell

September 7, 1995

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

After inspecting the SWCA and Old Landfill on foot, I observed no significant change from the previous month's inspection. Four small areas approximately 3' x 6' on the west slope of the Old Landfill that were covered with fresh soil are in good condition. Vegetation is in good condition, although growth is retarded by the heat and lack of rain.



Black - Man Made diversion ditch
 Red - trenching / erosion

AUG 95
 MONTHLY INSPECTION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 388 960 443

VICKSBURG
chemical company

RECEIVED

AUG 16 1995

Dept. of Environmental Quality
Office of Pollution Control

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

August 7, 1995

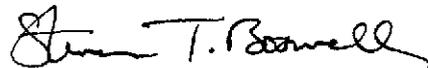
Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Forty

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767



Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

August 7, 1995

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Forty

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Forty, for the month of July, 1995. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of Interim Measures completed is estimated to be 5%. The percentage of RFI work completed is estimated to be 10%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. The west surface of the "Old Landfill" has been stabilized. The four small areas of erosion have been covered with clean soil.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

Fresh soil was placed on exposed areas of the Old Landfill.

Changes in Personnel

None

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Projected Work for the Month

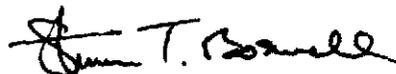
Startup of the Temporary Unit to investigate the potential for larger scale bioremediation is set to begin in mid-August. Approximately 135 cu.yds. of contaminated media will be mixed with composting cotton gin waste and the mix will be placed in the Temporary Unit where biological breakdown of contaminants such as dinoseb and toxaphene will be monitored. The mix will be sampled and analyzed for 40 CFR 264, Appendix IX constituents at the start and at a later date (presently thought to be about six months hence). Dinoseb, toxaphene and atrazine will be monitored monthly.

Results of Sampling and Analysis Activities during the Report Period

No samples were taken or analyzed for work to be performed under the Decree.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

Memo To: Steve Boswell

August 07, 1995

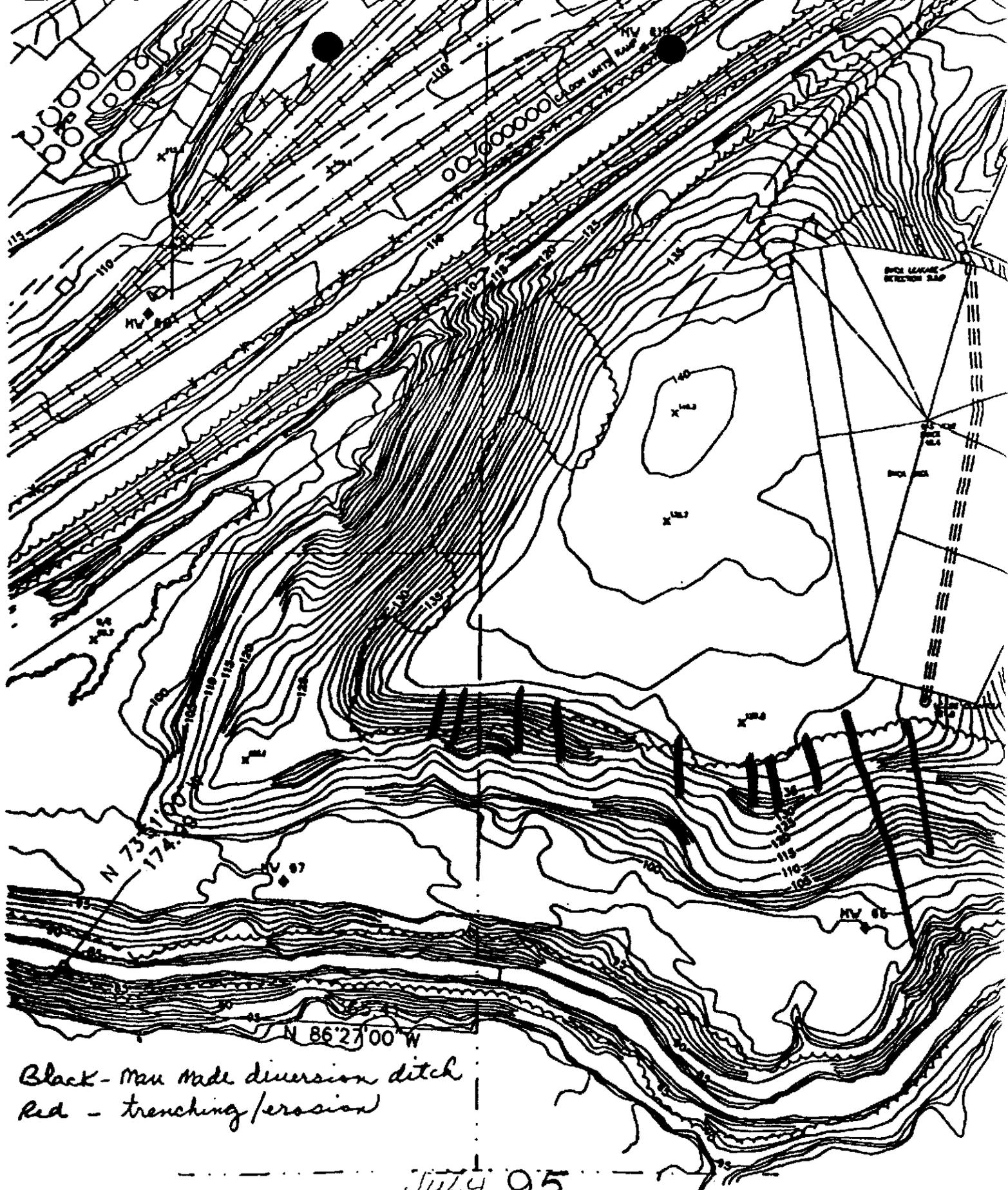
From: David U. Keen

Subject: Old Landfill & SWCA Inspection

After inspecting the SWCA and Old Landfill on foot, I observed no significant change from the previous month's inspection. Four small areas approximately 3' x 6' on the west slope of the Old Landfill have been covered with fresh soil. Their locations are noted on the attached map. The work order of April 10 remains in effect for replacement of lost soil.

Except as noted, vegetation is in excellent condition and is growing vigorously.

Deek



Black - Man made diversion ditch
Red - trenching/erosion

July 95
MONTHLY INSPECTION

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 7/31 TO 8/6/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 7/31/95 Inspected by H. Wells

Results of inspection no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>7/31/95</u>	<u>5'5</u>	<u>Hw</u>	Report needs for corrective action to:
<u>8/1/95</u>	<u>5'3</u>	<u>Hw</u>	
<u>8/2/95</u>	<u>5'0</u>	<u>Hw</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>8/3/95</u>	<u>4'11</u>	<u>Hw</u>	
<u>8/4/95</u>	<u>5'11</u>	<u>Hw</u>	
<u>8/5/95</u>	<u>5'4"</u>	<u>[Signature]</u>	
<u>8/6/95</u>	<u>5'3</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

OK

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 7-24 TO 7-30-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 7-24-95 Inspected by BHW

Results of inspection Good NO DRUMS

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>7-24-95</u>	<u>5.5"</u>	<u>BHW</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>7-25-95</u>	<u>5.5"</u>	<u>BHW</u>	
<u>7-26-95</u>	<u>6-6"</u>	<u>BHW</u>	
<u>7-27-95</u>	<u>6'1"</u>	<u>BHW</u>	
<u>7-28-95</u>	<u>6'4"</u>	<u>BHW</u>	
<u>7-29-95</u>	<u>5'5"</u>	<u>HW</u>	
<u>7-30-95</u>	<u>5'4"</u>	<u>HW</u>	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 7-17-95 TO 7-23-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 7-17-95 Inspected by OS

Results of inspection good no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>7-17-95</u>	<u>6'6"</u>	<u>OS</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>7-18-95</u>	<u>6'5"</u>	<u>OS</u>	
<u>7-19-95</u>	<u>6'4"</u>	<u>OS</u>	
<u>7-20-95</u>	<u>6'3"</u>	<u>OS</u>	
<u>7-21-95</u>	<u>6'0"</u>	<u>OS</u>	
<u>7-22-95</u>	<u>5'10"</u>	<u>Bhw</u>	
<u>7-23-95</u>	<u>5'10"</u>	<u>Bhw</u>	

Results of weekly inspection and actions taken:

Good

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 7-9-95 TO 7-15-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 7-10-95 Inspected by Bhw

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
7-9-95	6'4"	Bhw	Report needs for corrective action to:
7-10-95	6'6"	Bhw	
7-11-95	7'0"	Bhw	
7-12-95	6'10"	MW	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
7-13-95	6'11"	MW	
7-14-95	6'10"	OS	
7-15-95	6'7"	PH	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 7/3 TO 7/9/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 7/3/95 Inspected by H. wells

Results of inspection no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>7/3/95</u>	<u>6'6"</u>	<u>Hw</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>7/4/95</u>	<u>7'0"</u>	<u>Hw</u>	
<u>7/5/95</u>	<u>7'8"</u>	<u>Hw</u>	
<u>7/6/95</u>	<u>6'4"</u>	<u>Hw</u>	
<u>7/7/95</u>	<u>6'10"</u>	<u>Hw</u>	
<u>7/8/95</u>	<u>6'7"</u>	<u>Hw</u>	
<u>7/9/95</u>	<u>6'2"</u>	<u>Hw</u>	

Results of weekly inspection and actions taken:

Grass cut - All in order

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 6-26 TO 7-2-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 6-26-95 Inspected by BGW

Results of inspection _____

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
<u>6-26-95</u>	<u>4' 6"</u>	<u>BGW</u>
<u>6-27-95</u>	<u>4' 10"</u>	<u>BGW</u>
<u>6-28-95</u>	<u>5' 0"</u>	<u>BGW</u>
<u>6-29-95</u>	<u>5' 0"</u>	<u>BGW</u>
<u>6-30-95</u>	<u>5' 8"</u>	<u>BGW</u>
<u>7-1-95</u>	<u>5' 6"</u>	<u>HW</u>
<u>7-2-95</u>	<u>6' 0"</u>	<u>HW</u>

Report needs for corrective action to:

Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 875 308 248

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

July 6, 1995

Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Thirty-Nine

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,



Steven J. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

K. POSEY
File



Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

July 6, 1995

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Thirty-Nine

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Thirty-Nine, for the month of June, 1995. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of Interim Measures completed is estimated to be 5%. The percentage of RFI work completed is estimated to be 10%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. The west surface of the "Old Landfill" has developed four small eroded areas which have exposed some discolored soil indicative of the presence of dinoseb (see below). The areas are unchanged since the previous month's progress report.

Summary of Changes made to the IM and RFI during the Reporting Period

None.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

Fresh soil was placed on exposed areas of the Old Landfill.

Changes in Personnel

None

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Projected Work for the Month

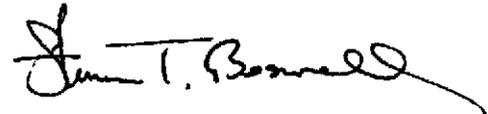
Preliminary work on the Interim Measures Design Document and CQA Plan documents required under the Scope of Work for Interim Measures is currently awaiting comment from EPA on previously submitted documents. Pending agency approval, a Temporary Unit for the purpose of evaluating bioremediation of contaminated soil and debris containing dinoseb, toxaphene and atrazine at the Vicksburg facility will be placed into operation. Approximately 135 cu. yds. of material will be placed into the unit with a slightly larger volume of composting material.

Results of Sampling and Analysis Activities during the Report Period

No samples were taken or analyzed for work to be performed under the Decree.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 6-26 TO 7-2-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 6-26-95 Inspected by BGW

Results of inspection _____

2. South Pond - Record level daily, keep a minimum of two feet. Inspect dike daily for washing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
6-26-95	4'6"	BGW
6-27-95	4'10"	BGW
6-28-95	5'0"	BGW
6-29-95	5'0"	BGW
6-30-95	5'8"	BGW
7-1-95	5'6"	HW
7-2-95	6'0"	HW

Report needs for corrective action to:
Maintenance Planner
Shift Supervisor
South Plant Supervisor
Environmental Dept.

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 6-19-95 TO 6-25-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 6-19-95 Inspected by [Signature]

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>6-19-95</u>	<u>3'8"</u>	<u>[Signature]</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>6-20-95</u>	<u>3'8"</u>	<u>[Signature]</u>	
<u>6-21-95</u>	<u>4'0"</u>	<u>[Signature]</u>	
<u>6-22-95</u>	<u>4'2"</u>	<u>[Signature]</u>	
<u>6-23-95</u>	<u>4'3"</u>	<u>[Signature]</u>	
<u>6-24-95</u>	<u>4'6"</u>	<u>[Signature]</u>	
<u>6-25-95</u>	<u>4'5"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

good

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 6-12-95 TO 6-18-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 6-12-95 Inspected by [Signature]

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
6-12-95	4'5"	[Signature]	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
6-13-95	4'4"	[Signature]	
6-14-95	4'3"	[Signature]	
6-15-95	4'2"	[Signature]	
6-16-95	3'9"	[Signature]	
6-17-95	3'7"	[Signature]	
6-18-95	3'7"	[Signature]	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 6/5 TO 6/12/95

- Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 6/5/95 Inspected by H-wells

Results of inspection NO DRUMS

- South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>6/5/95</u>	<u>5'0"</u>	<u>Hw</u>	Report needs for corrective action to:
<u>6/6/95</u>	<u>5'0"</u>	<u>Hw</u>	
<u>6/7/95</u>	<u>4'10"</u>	<u>Hw</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>6/8/95</u>	<u>4'8"</u>	<u>Hw</u>	
<u>6/9/95</u>	<u>4'8"</u>	<u>Hw</u>	
<u>6/10/95</u>	<u>4'7"</u>	<u>[Signature]</u>	
<u>6/11/95</u>	<u>4'10"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 5/29 TO 6/4/85

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 5/29/85 Inspected by B.G.W.

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>5/29/85</u>	<u>4'0</u>	<u>B.G.W.</u>	Report needs for corrective action to:
<u>5/30/85</u>	<u>4'0</u>	<u>B.G.W.</u>	
<u>5/31/85</u>	<u>3'4"</u>	<u>B.G.W.</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>6/1/85</u>	<u>3'2"</u>	<u>B.G.</u>	
<u>6/2/85</u>	<u>3'9"</u>	<u>B.G.</u>	
<u>6/3/85</u>	<u>4'0</u>	<u>H.W.</u>	
<u>6/4/85</u>	<u>4'8"</u>	<u>H.W.</u>	

Results of weekly inspection and actions taken:

Memo To: Steve Boswell

July 06, 1995

From: David U. Keen

Subject: Old Landfill & SWCA Inspection

After inspecting the SWCA and Old Landfill on foot, I observed no significant change from the previous month's inspection. Four small areas approximately 3' x 6' on the west slope of the Old Landfill are re-exposed due to recent heavy rains. Their locations are noted on the attached map. The work order of April 10 remains in effect for replacement of lost soil.

Except as noted, vegetation is in excellent condition and is growing vigorously.

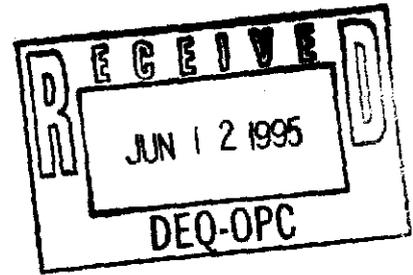


Black - Man Made diversion ditch
 Red - trenching/erosion
 Yellow - indicates yellow leaching

JUNE 95
 MONTHLY INSPECTION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 388 960 428

VICKSBURG
chemical company



Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

June 8, 1995

Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Thirty-Eight

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

A handwritten signature in cursive script that reads 'Steven T. Boswell'.

Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Vicksburg

chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

June 8, 1995

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Thirty-Eight

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Thirty-Eight, for the month of May, 1995. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of Interim Measures completed is estimated to be 5%. The percentage of RFI work completed is estimated to be 10%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. The west surface of the "Old Landfill" has developed two small eroded areas which have exposed some discolored soil indicative of the presence of dinoseb (see below). The areas are unchanged since the previous month's progress report.

Summary of Changes made to the IM and RFI during the Reporting Period

None. While not yet a part of Interim Measures or the RFI, a request to establish a Temporary Unit for the purpose of a pilot study of bio-remediation of contaminated soil and debris was submitted to EPA and MSDEQ on March 31, 1995. Responses to comments from USEPA and MSDEQ have been received and changes to the proposal have been incorporated into the original request.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

Fresh soil was placed on exposed areas of the Old Landfill.

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Changes in Personnel

None

Projected Work for the Month

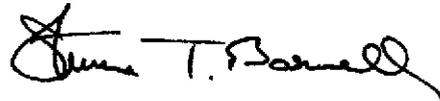
Preliminary work on the Interim Measures Design Document and CQA Plan documents required under the Scope of Work for Interim Measures is currently awaiting comment from EPA on previously submitted documents. A meeting open to the public to receive comments and discuss the establishment of the Temporary Unit mentioned above will be held June 10, 1995, in the Vicksburg Public Library.

Results of Sampling and Analysis Activities during the Report Period

No samples were taken or analyzed for work to be performed under the Decree.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 5-1 TO 5-7

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 5-1 Inspected by BGW

Results of inspection Good

2. South Pond - Record level daily, keep a minimum record of two feet. Inspect dike daily for washing, sloughing, Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
5-1-95	5' 5"	BGW
5-2-95	5' 10"	BGW
5-3-95	5' 10"	BGW
5-4-95	6' 4"	BGW
5-5-95	6' 4"	BGW
5-6-95	6' 10"	HW
5-7-95	7' 4"	HW

Report needs for corrective action to:
 Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 5/8/95 TO 5/14/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 5/8/95 Inspected by H. Wells

Results of inspection no drums

2. South Pond - Record level daily, keep a minimum floodboard of two feet. Inspect dike daily for washing, sloughing, Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
<u>5/8/95</u>	<u>7'6"</u>	<u>HW</u>
<u>5/9/95</u>	<u>6'5"</u>	<u>HW</u>
<u>5/10/95</u>	<u>6'0"</u>	<u>HW</u>
<u>5/11/95</u>	<u>6'0"</u>	<u>HW</u>
<u>5/12/95</u>	<u>5'10"</u>	<u>HW</u>
<u>5/13/95</u>	<u>6'</u>	<u>[Signature]</u>
<u>5/14/95</u>	<u>6'4"</u>	<u>[Signature]</u>

Report needs for corrective action to:

Maintenance Planner
Shift Supervisor
South Plant Supervisor
Environmental Dept.

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 5-15-95 TO 5-21-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 5-15-95 Inspected by [Signature]
 Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
5-15-95	6'7"	[Signature]	Report needs for corrective action to:
5-16-95	7'	[Signature]	
5-17-95	6'7"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
5-18-95	5'10"	[Signature]	
5-19-95	5'6"	[Signature]	
5-20-95	5'6"	[Signature]	
5-21-95	6'3"	[Signature]	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 5-22 TO 5-28-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 5-22 Inspected by [Signature]

Results of inspection no drums AREA good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
5-22-95	6'4"	[Signature]
5-23-95	5'9"	[Signature]
5-24-95	4'11"	[Signature]
5-25-95	4'4"	[Signature]
5-26-95	3'11"	[Signature]
5-27-95	4'0"	BHW
5-28-95	4'0"	BHW

Report needs for corrective action to:

Maintenance Planner
Shift Supervisor
South Plant Supervisor
Environmental Dept.

Results of weekly inspection and actions taken:

AREA GOOD SHAPE-

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 5/29 TO 6/4/85

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 5/29/85 Inspected by B.G.W.

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>5/29/85</u>	<u>4'0</u>	<u>B.G.W.</u>	Report needs for corrective action to:
<u>5/30/85</u>	<u>4'0</u>	<u>B.G.W.</u>	
<u>5/31/85</u>	<u>3'4"</u>	<u>B.G.W.</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>6/1/85</u>	<u>3'2"</u>	<u>B.G.</u>	
<u>6/2/85</u>	<u>3'9"</u>	<u>B.G.</u>	
<u>6/3/85</u>	<u>4'0</u>	<u>MW</u>	
<u>6/4/85</u>	<u>4'8"</u>	<u>MW</u>	

Results of weekly inspection and actions taken:

Memo To: Steve Boswell

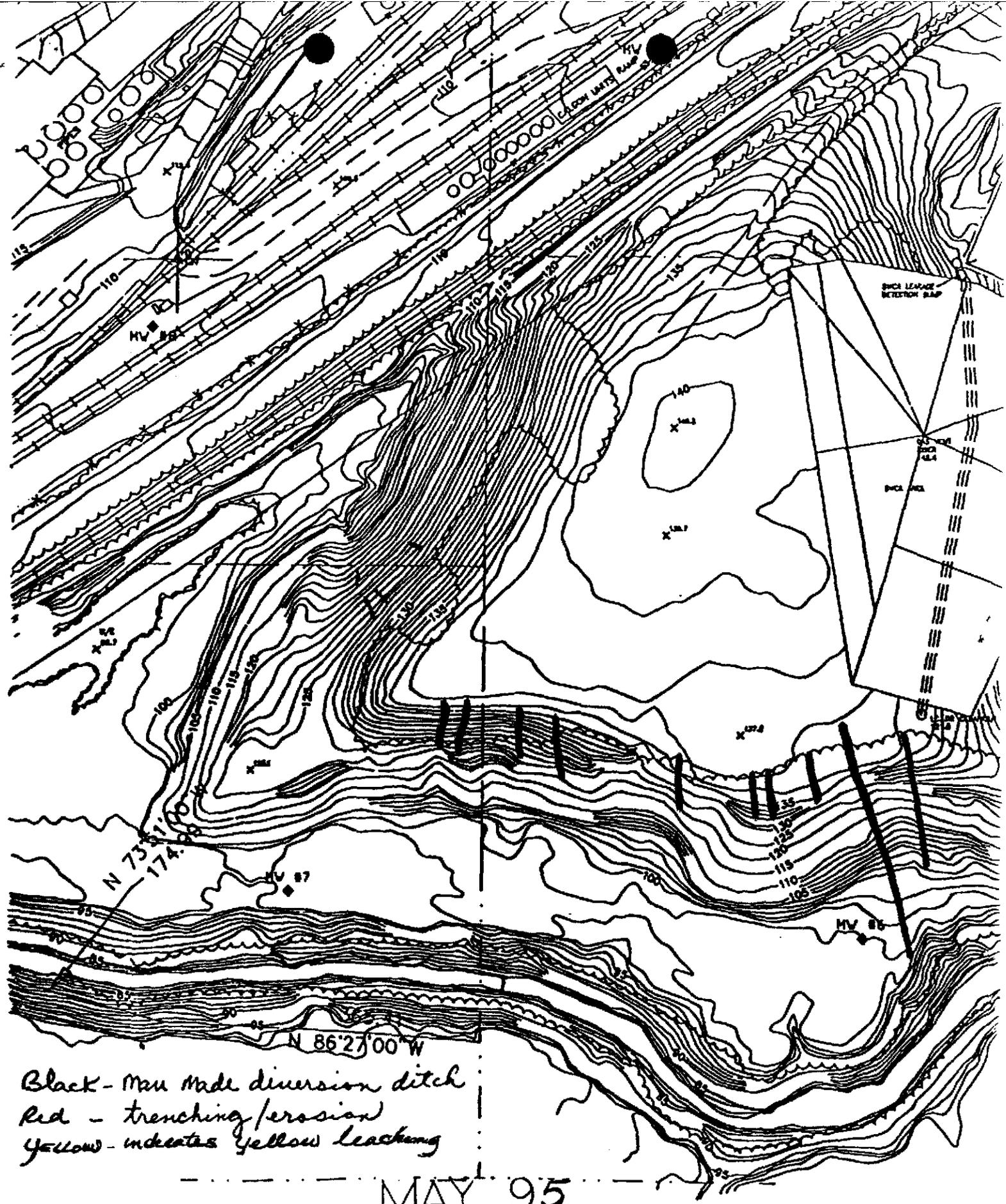
June 08, 1995

From: David Keen

Subject: Old Landfill and SWCA Inspection

After inspecting the SWCA and Old Landfill, I observed no significant change from the previous month's inspection. Four small areas, approximately 3' x 6' each, on the west slope of the Old Landfill are exposed due to past rains. Their locations are noted on the attached map. The work order of April 10 remains in effect for replacement of lost soil.

Except as noted, vegetation is in excellent condition and is growing vigorously



Black - Man Made diversion ditch
 Red - trenching/erosion
 Yellow - indicates yellow leaching

MAY 95
 MONTHLY INSPECTION

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 388 960 418

VICKSBURG
chemical company

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385



May 9, 1995

Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Thirty-Seven

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

- Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

A handwritten signature in black ink, appearing to read "Steven T. Boswell".

Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Vicksburg chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

May 9, 1995

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Thirty-Seven

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Thirty-Seven, for the month of April, 1995. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of Interim Measures completed is estimated to be 5%. The percentage of RFI work completed is estimated to be 10%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. The west surface of the "Old Landfill" has developed two small eroded areas which have exposed some discolored soil indicative of the presence of dinoseb (see below). The areas are unchanged since the previous month's progress report.

Summary of Changes made to the IM and RFI during the Reporting Period

None. While not yet a part of Interim Measures or the RFI, a request to establish a Temporary Unit for the purpose of a pilot study of bio-remediation of contaminated soil and debris was submitted to EPA and MSDEQ on March 31, 1995. Responses to comments from USEPA and MSDEQ have been received and changes to the proposal are being incorporated into the original request.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period despite very heavy rains in the third week of the month. Some recently placed soil requires replacement as no vegetative cover could be established before recent heavy rain washed away the newly placed soil.

Actions taken to Rectify Problems

Fresh soil was placed on exposed areas of the Old Landfill.

The Potassium People

Changes in Personnel

None

Projected Work for the Month

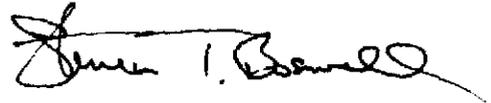
Preliminary work on the Interim Measures Design Document and CQA Plan documents required under the Scope of Work for Interim Measures is currently awaiting comment from EPA on previously submitted documents. Placement of fresh soil over eroded areas on the Old Landfill will take place.

Results of Sampling and Analysis Activities during the Report Period

No samples were taken or analyzed for work to be performed under the Decree.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

Memo To: File

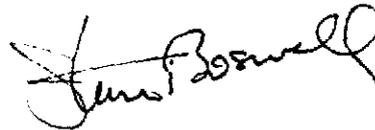
May 09, 1995

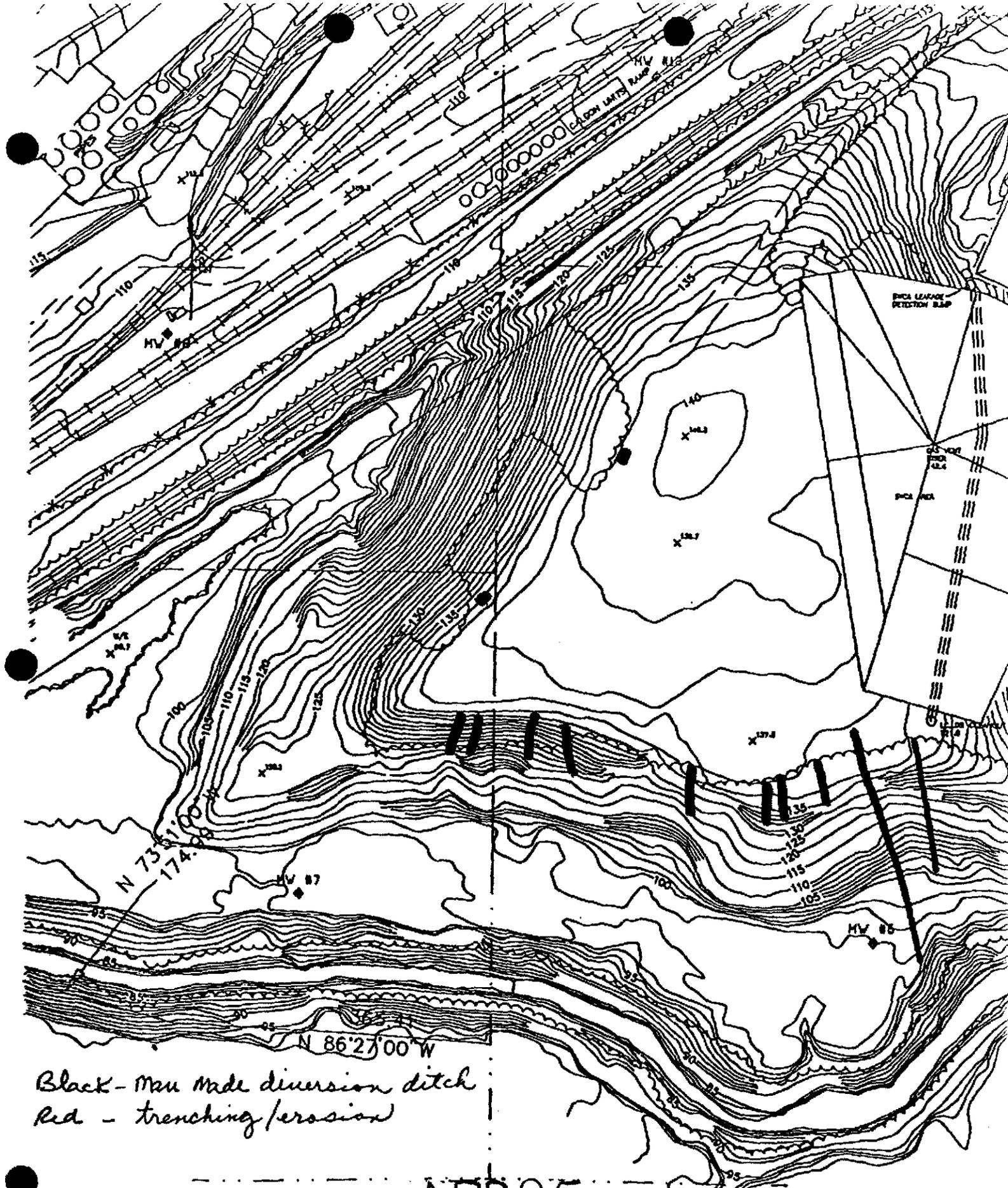
From: Steve Boswell

Subject: Old Landfill & SWCA Inspection

After inspecting the SWCA and Old Landfill on foot, I have observed no significant change from the previous month's inspection. Two small areas approximately 8' x 8' on the west slope of the Old Landfill are re-exposed due to recent heavy rains. Their locations are noted on the attached map. The work order of April 10 remains in effect for replacement of lost soil.

Except as noted, vegetation is in excellent condition and is growing vigorously.

A handwritten signature in cursive script, appearing to read "Steve Boswell". The signature is written in dark ink and is positioned to the right of the main text block.



Black - Man Made diversion ditch
 Red - trenching/erosion

APR 95
 MONTHLY INSPECTION

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 4-24- TO 4-30-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 4-24-95 Inspected by [Signature]

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>4-24-95</u>	<u>3'2"</u>	<u>[Signature]</u>	Report needs for corrective action to:
<u>4-25-95</u>	<u>4'10"</u>	<u>[Signature]</u>	
<u>4-26-95</u>	<u>5'11"</u>	<u>[Signature]</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>4-27-95</u>	<u>5'7"</u>	<u>[Signature]</u>	
<u>4-28-95</u>	<u>5'5"</u>	<u>[Signature]</u>	
<u>4-29-95</u>	<u>5'4"</u>	<u>[Signature]</u>	
<u>4-30-95</u>	<u>5'2"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

good

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 4/17 TO 4-23

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 4/17/95 Inspected by [Signature]

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
4-17-95	3'10"	[Signature]	Report needs for corrective action to:
4-18-95	4'5"	[Signature]	
4-19-95	3'8" / 4'4"	[Signature]	
4-20-95	2'10" / 3'10"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
4-21-95	1'6" 1'0"	[Signature]	
4-22-95	1'0"	[Signature]	
4-23-95	1'0"	[Signature]	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 4/10 TO 4/16/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 4/10/95 Inspected by A wells

Results of inspection no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>4/10/95</u>	<u>5'4</u>	<u>HW</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>4/11/95</u>	<u>4'3</u>	<u>HW</u>	
<u>4/12/95</u>	<u>3'5</u>	<u>HW</u>	
<u>4/13/95</u>	<u>2'3</u>	<u>HW</u>	
<u>4/14/95</u>	<u>2'8</u>	<u>HW</u>	
<u>4/15/95</u>	<u>3'1</u>	<u>[Signature]</u>	
<u>4/16/95</u>	<u>3'10</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 4-3-95 TO 4-9-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 4-3 Inspected by BHW

Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
4-3	5'4"	BHW	Report needs for corrective action
4-4	5'4"	BHW	
4-5	5'4"	<i>[Signature]</i>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
4-6	5'0"	<i>[Signature]</i>	
4-7	5'6"	<i>[Signature]</i>	
4-8	6'0"	HW	
4-9	6'0"	HW	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 3-27-95 TO 4-2-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 3-27-95 Inspected by JB

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
3-27-95	5'0"	JB	Report needs for corrective action to:
3-28-95	5'0"	JB	
3-29-95	5'0"	JB	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
3-30-95	4'11"	JB	
3-31-95	5'	JB	
4-1-95	4'10"	BHW	
4-2-95	5'0"	BHW	

Results of weekly inspection and actions taken:

good



RECEIVED
APR 11 1995
Dept. of Environmental Quality
Office of Pollution Control

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 388 960 454

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385

April 10, 1995

Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Thirty-Six

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval). Also accompanying this report is a revised Closure Plan for SWMU No.1.

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Vicksburg

chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

April 10, 1995

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Thirty-Six

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Thirty-Six, for the month of March, 1995. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of Interim Measures completed is estimated to be 5%. The percentage of RFI work completed is estimated to be 10%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. The west surface of the "Old Landfill" has developed two small eroded areas which have exposed some discolored soil indicative of the presence of dinoseb (see below). The areas are unchanged since the previous month's progress report.

Summary of Changes made to the IM and RFI during the Reporting Period

None. While not yet a part of Interim Measures or the RFI, a request to establish a Temporary Unit for the purpose of a pilot study of bio-remediation of contaminated soil and debris was submitted to EPA and MSDEQ on March 31, 1995. Bench scale work and pilot studies at other locations indicate there is a potential benefit from the use of bioremediation for the constituents dinoseb and toxaphene. A composting technique is proposed to be evaluated.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period. Two small erosion areas were identified on the Old Landfill. A work order has been entered to repair the areas. Soil conditions have improved enough to allow access for repair.

Actions taken to Rectify Problems

A work order has been entered for repair of the erosion noted above on the Old Landfill.

The Potassium People

Changes in Personnel

None

Projected Work for the Month

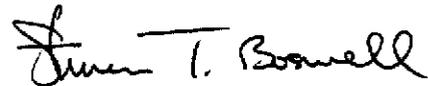
Preliminary work on the Interim Measures Design Document and CQA Plan documents required under the Scope of Work for Interim Measures is currently awaiting comment from EPA on previously submitted documents. Placement of fresh soil over eroded areas on the Old Landfill will take place.

Results of Sampling and Analysis Activities during the Report Period

No samples were taken or analyzed for work to be performed under the Decree.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

Memo To: Landfill File

April 08, 1995

From: Steve Boswell

Subject: Landfill & SWCA Inspection

After inspecting the SWCA and Old Landfill on foot, I have observed no change from the previous month's inspection. There are two small 8' x 8' areas on the west slope of the Old Landfill where discolored soil is exposed. Their locations are noted on the attached map.

Last month's report noted the need for repair but also noted surface conditions as too soft and wet to permit access without doing greater damage. A work order has been submitted as conditions have improved enough to allow access. Vegetation is in excellent condition except as noted.

xc: Mr. Madsen



Black - Man Made diversion ditch
 Red - trenching/erosion

MAR 95
 MONTHLY INSPECTION

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 3-27-95 TO 4-2-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 3-27-95 Inspected by Py

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
3-27-95	5'0"	Py	Report needs for corrective action to:
3-28-95	5'0"	Py	
3-29-95	5'0"	Py	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
3-30-95	4'11"	Py	
3-31-95	5'	Py	
4-1-95	4'10"	BHW	
4-2-95	5'0"	BHW	

Results of weekly inspection and actions taken:

good

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 3/20 TO 3/26/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 3/20/95 Inspected by WJH
 Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sloughing, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
3/20/95	3'5"	WJH	Report needs for corrective action to:
3/21/95	4'3"	WJH	
3/22/95	4'10"	WJH	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
3/23/95	4'7"	WJH	
3/24/95	4'10"	WJH	
3/25/95	5'2"	BHW	
3/26/95	5'4"	HW	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 3/13/95 TO 3/19/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 3/13/95 Inspected by H wells

Results of inspection no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>3/13/95</u>	<u>4'7</u>	<u>HW</u>	Report needs for corrective action to:
<u>3/14/95</u>	<u>4'3</u>	<u>HW</u>	
<u>3/15/95</u>	<u>2'5</u>	<u>HW</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>3/16/95</u>	<u>2'5</u>	<u>HW</u>	
<u>3/17/95</u>	<u>2'8</u>	<u>HW</u>	
<u>3/18/95</u>	<u>2'2</u>	<u>[Signature]</u>	
<u>3/19/95</u>	<u>2'6"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET
FOR THE WEEK OF 3-6-95 TO 3-12-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 3-6-95 Inspected by BHN

Results of inspection good NO DRUMS

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>3-6-95</u>	<u>5'2"</u>	<u>Bbw</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>3-7-95</u>	<u>4'0"</u>	<u>Bbw</u>	
<u>3-8-95</u>	<u>3'3"</u>	<u>Bbw</u>	
<u>3-9-95</u>	<u>3'10"</u>	<u>Bbw</u>	
<u>3-10-95</u>	<u>3'6"</u>	<u>Bbw</u>	
<u>3-11-95</u>	<u>3'11</u>	<u>HUJ</u>	
<u>3-12-95</u>	<u>4'2</u>	<u>HUJ</u>	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 2-27-95 TO 3-5-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 2-27-95 Inspected by [Signature]

Results of inspection area good no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>2-27-95</u>	<u>8'6"</u>	<u>[Signature]</u>	Report needs for corrective action to:
<u>2-28-95</u>	<u>7'2"</u>	<u>[Signature]</u>	
<u>3-1-95</u>	<u>6'10"</u>	<u>[Signature]</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>3-2-95</u>	<u>7'2"</u>	<u>[Signature]</u>	
<u>3-3-95</u>	<u>7'3"</u>	<u>[Signature]</u>	
<u>3-4-95</u>	<u>6'2"</u>	<u>Bbw</u>	
<u>3-5-95</u>	<u>5'2"</u>	<u>Bbw</u>	

Results of weekly inspection and actions taken:

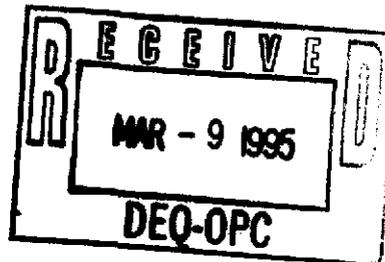
good.

VICKSBURG

chemical company

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 875 307 645

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39289-0385



March 8, 1995

Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Thirty-Five

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval). Also accompanying this report is a revised Closure Plan for SWMU No.1.

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

A handwritten signature in black ink that reads "Steven T. Boswell".

Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

VICKSBURG chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

March 8, 1995

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Thirty-Five

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Thirty-Five, for the month of February, 1995. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of Interim Measures completed is estimated to be 5%. The percentage of RFI work completed is estimated to be 10%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins. The west surface of the "Old Landfill" has developed two small eroded areas which have exposed some discolored soil indicative of the presence of dinoseb (see below).

Summary of Changes made to the IM and RFI during the Reporting Period

A revised Closure Plan for SWMU 1 was prepared and accompanies this report.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period. Two small erosion areas were identified on the Old Landfill. Soil bearing capacity is low and wheel rut damage would cause more damage to the area if work is attempted while the soil is soft.

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Actions taken to Rectify Problems

No action is immediately possible due to soft ground conditions on the Old Landfill.

Changes in Personnel

None

Projected Work for the Month

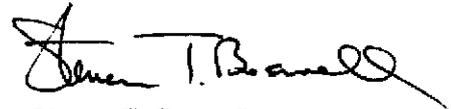
Preliminary work on the Interim Measures Design Document and CQA Plan documents required under the Scope of Work for Interim Measures is currently awaiting comment from EPA on previously submitted documents. Pending dry surface conditions that allow truck access to the area, fresh soil will be placed and compacted over the exposed areas mentioned above in "Summary of Problems or Potential Problems."

Results of Sampling and Analysis Activities during the Report Period

No samples were taken or analyzed for work to be performed under the Decree.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 2-27-95 TO 3-5-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 2-27-95 Inspected by [Signature]

Results of inspection are good no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>2-27-95</u>	<u>8'6"</u>	<u>[Signature]</u>	Report needs for corrective action to:
<u>2-28-95</u>	<u>7'2"</u>	<u>[Signature]</u>	
<u>3-1-95</u>	<u>6'10"</u>	<u>[Signature]</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>3-2-95</u>	<u>7'2"</u>	<u>[Signature]</u>	
<u>3-3-95</u>	<u>7'3"</u>	<u>[Signature]</u>	
<u>3-4-95</u>	<u>6'2"</u>	<u>Bbw</u>	
<u>3-5-95</u>	<u>5'2"</u>	<u>Bbw</u>	

Results of weekly inspection and actions taken:

good.

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 2/20 TO 2/26/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 2/20/95 Inspected by WHL
 Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
2/20/95	9'	WHL	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
2/21/95	8'	WHL	
2/22/95	7'6"	WHL	
2/23/95	7'10"	WHL	
2/24/95	6'10"	WHL	
2-25-95	6'11"	WHL	
2-26-95	7'10"	WHL	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 2-13-95 TO 2-19-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 2-13-95 Inspected by Hwells

Results of inspection NO Leaks

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>2-13-95</u>	<u>7'3</u>	<u>Hw</u>	Report needs for corrective action to:
<u>2-14-95</u>	<u>7'5</u>	<u>Hw</u>	
<u>2-15-95</u>	<u>6'8</u>	<u>Hw</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>2-16-95</u>	<u>6'5</u>	<u>Hw</u>	
<u>2-17-95</u>	<u>6'1</u>	<u>Hw</u>	
<u>2-18-95</u>	<u>6'8"</u>	<u>[Signature]</u>	
<u>2-19-95</u>	<u>7'9"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

All in order

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 2/6 TO 2/12/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 2-6-95 Inspected by Bhw

Results of inspection NO DRUMS

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>2/6/95</u>	<u>5'2"</u>	<u>Bhw</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>2/7/95</u>	<u>5'2"</u>	<u>Bhw</u>	
<u>2/8/95</u>	<u>5.0"</u>	<u>Bhw</u>	
<u>2/9/95</u>	<u>4'8"</u>	<u>Bhw</u>	
<u>2/10/95</u>	<u>5'1"</u>	<u>BGW</u>	
<u>2/11/95</u>	<u>6'0"</u>	<u>Hw</u>	
<u>2/12/95</u>	<u>6'6"</u>	<u>Hw</u>	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 1/30 TO 2/5/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1/31/95 Inspected by H wells

Results of inspection no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>1/30/95</u>	<u>5'8</u>	<u>Hw</u>	Report needs for corrective action to:
<u>1/31/95</u>	<u>4'8</u>	<u>Hw</u>	
<u>2/1/95</u>	<u>5'1</u>	<u>Hw</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>2/2/95</u>	<u>5'2"</u>	<u>Bhw</u>	
<u>2/3/95</u>	<u>5'2</u>	<u>AW</u>	
<u>2/4/95</u>	<u>5'5"</u>	<u>AW</u>	
<u>2/5/95</u>	<u>5'0</u>	<u>AW</u>	

Results of weekly inspection and actions taken:

Memo To: File

March 7, 1995

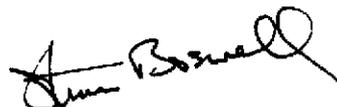
From: Steve Boswell

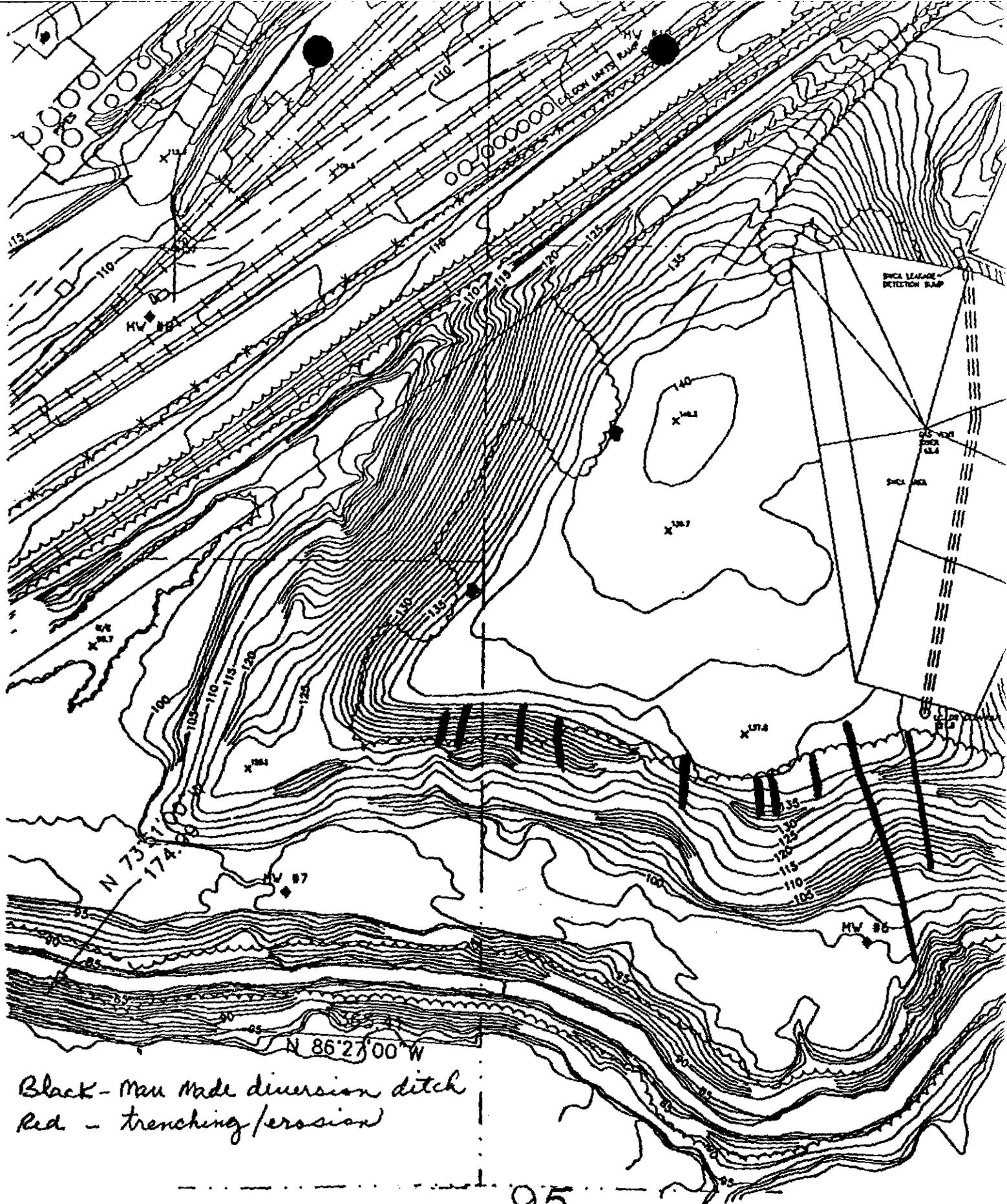
Subject: Landfill & SWCA Inspection

After inspecting the SWCA and Old Landfill on foot, I have observed the following changes in previously described erosional features. There are two small areas of 8' by 8' dimensions on the west slope of the Old Landfill where discolored soil is exposed. Their locations are noted on the attached map.

While there is current need for repair, wet, soft ground conditions make access to the area poor and vehicular traffic is likely to cause more damage than will be repaired. Vegetation is in otherwise good condition. Spring growth is beginning to emerge. Except as noted, I observed no discoloration indicative of dinoseb contamination at the surface.

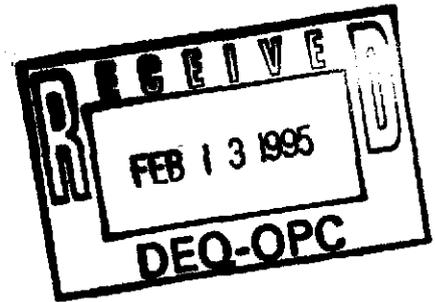
xc: Mr. Madsen

A handwritten signature in black ink, appearing to read "Steve Boswell". The signature is written in a cursive style with a large, looping initial "S".



Black - Man Made diversion ditch
 Red - trenching/erosion

95
 MONTHLY INSPECTION



CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 875 307 639

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39209

February 10, 1995

Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Thirty-Four

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767



Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

February 9, 1995

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Thirty-Four

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Thirty-Four, for the month of January, 1995. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of Interim Measures completed is estimated to be 5%. The percentage of RFI work completed is estimated to be 10%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins.

Summary of Changes made to the IM and RFI during the Reporting Period

No changes were made during the reporting period.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None

Changes in Personnel

None

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Projected Work for the Month

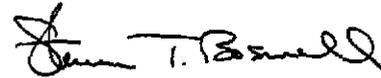
Preliminary work on the Interim Measures Design Document and CQA Plan documents required under the Scope of Work for Interim Measures is currently awaiting comment from EPA on previously submitted documents. Revisions to the Closure Plan for SWMU 1 are in progress as required in comments received from the office of Mr. G. Alan Farmer of Region IV in a letter dated November 8, 1994, and received January 23, 1994.

Results of Sampling and Analysis Activities during the Report Period

No samples were taken or analyzed for work to be performed under the Decree.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 1/30 TO 2/5/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1/31/95 Inspected by H Wells

Results of inspection no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>1/30/95</u>	<u>5'8</u>	<u>HW</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>1/31/95</u>	<u>4'8</u>	<u>HW</u>	
<u>2/1/95</u>	<u>5'1</u>	<u>HW</u>	
<u>2/2/95</u>	<u>5'2"</u>	<u>BHW</u>	
<u>2/3/95</u>	<u>5'2</u>	<u>ABW</u>	
<u>2/4/95</u>	<u>5'5"</u>	<u>ABW</u>	
<u>2/5/95</u>	<u>5'0</u>	<u>ABW</u>	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 1-23-95 TO 1-29-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1/24/95 Inspected by WJH
 Results of inspection _____

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
1-23-95	7'2"	WJH
1-24-95	7'6"	WJH
1-25-95	6'11"	WJH
1-26-95	6'1"	HW
1-27-95	5'0"	HW
1-28-95	5'1"	HW
1-29-95	5'8"	HW

Report needs for corrective action to:
 Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 1/16 TO 1/22/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1/16/95 Inspected by H. Wells

Results of inspection NO drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>1/16/95</u>	<u>8'0</u>	<u>HW</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>1/17/95</u>	<u>7'8</u>	<u>HW</u>	
<u>1/18/95</u>	<u>7'4</u>	<u>HW</u>	
<u>1/19/95</u>	<u>5'10</u>	<u>HW</u>	
<u>1/20/95</u>	<u>6'0</u>	<u>HW</u>	
<u>1/21/95</u>	<u>6'1"</u>	<u>[Signature]</u>	
<u>1/22/95</u>	<u>6'7"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 1/9 TO 1/15/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1/9/95 Inspected by BGW

Results of inspection EMPTY

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>1/9/95</u>	<u>6'8"</u>	<u>BGW</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>1/10/95</u>	<u>6'10"</u>	<u>BGW</u>	
<u>1/11/95</u>	<u>6'10"</u>	<u>BGW</u>	
<u>1/12/95</u>	<u>6'0"</u>	<u>BGW</u>	
<u>1/13/95</u>	<u>6.5"</u>	<u>BGW</u>	
<u>1/14/95</u>	<u>7'0"</u>	<u>HW</u>	
<u>1/15/95</u>	<u>7'8"</u>	<u>HW</u>	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 1-2-95 TO 1-8-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1-2-95 Inspected by [Signature]

Results of inspection NO drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>1-2-95</u>	<u>7'1"</u>	<u>[Signature]</u>	Report needs for corrective action to:
<u>1-3-95</u>	<u>7'0"</u>	<u>[Signature]</u>	
<u>1-4-95</u>	<u>7'0"</u>	<u>[Signature]</u>	
<u>1-5-95</u>	<u>6'11"</u>	<u>[Signature]</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>1-6-95</u>	<u>6'10"</u>	<u>[Signature]</u>	
<u>1-7-95</u>	<u>6'6"</u>	<u>BHW</u>	
<u>1-8-95</u>	<u>6'4"</u>	<u>BHW</u>	

Results of weekly inspection and actions taken:

Good.

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 12-26- TO 1-1-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 12-26-94 Inspected by [Signature]

Results of inspection good

2. South Pond - Record level daily, keep a minimum fenceboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
12-26-94	9'9"	[Signature]	Report needs for corrective action to:
12-27-94	9'10"	[Signature]	
12-28-94	9'0"	[Signature]	
12-29-94	9'1"	[Signature]	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
12-30-94	8'1"	[Signature]	
12-31-94	7'4"	[Signature]	
1-1-95	6'8"	[Signature]	

Results of weekly inspection and actions taken:

Memo To: File

February 10, 1995

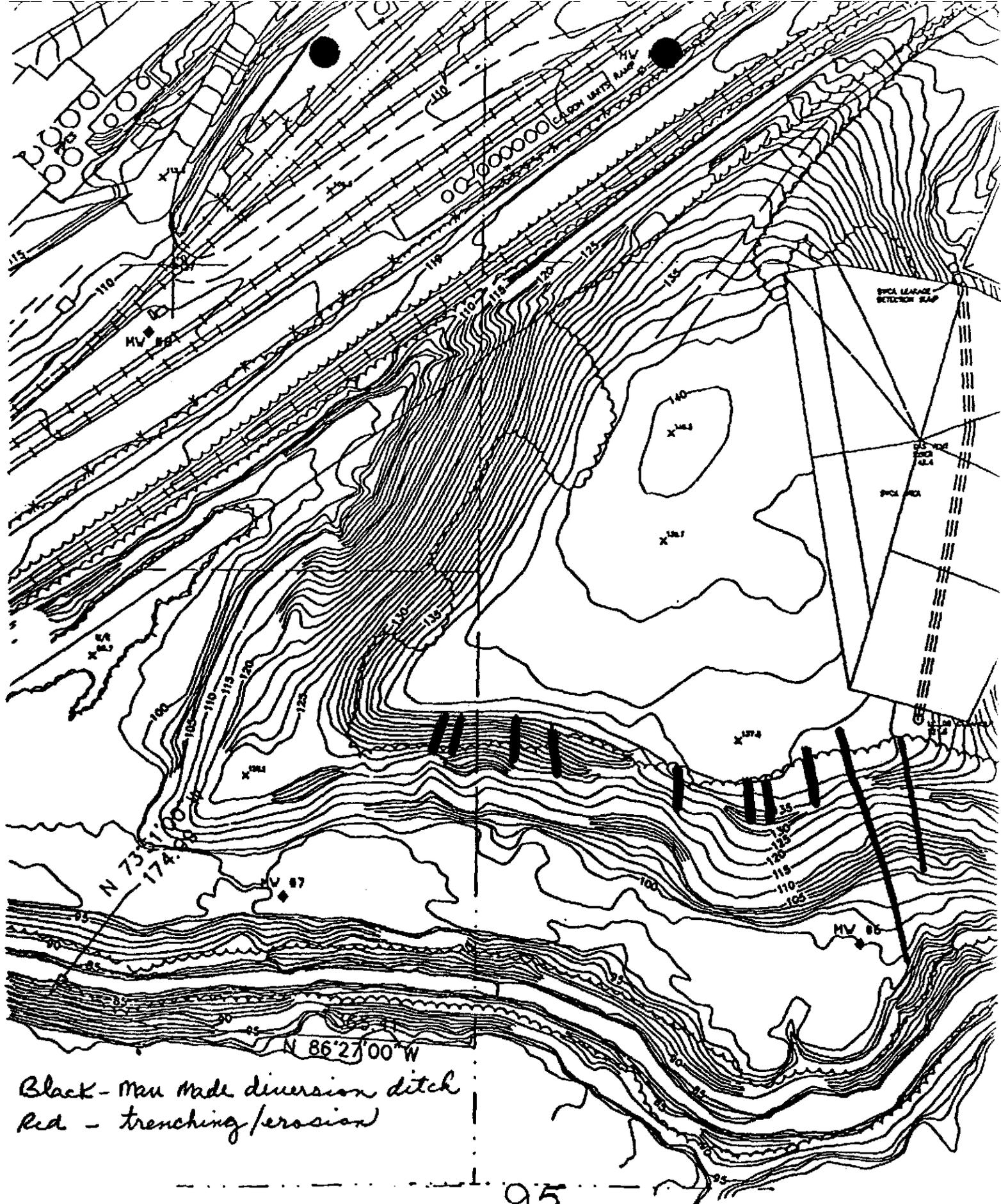
From: Steve Boswell

Subject: Landfill & SWCA Inspection

After inspecting the SWCA and Old Landfill on foot, I have observed no significant changes in previously described erosional features. There is no current need for repair. Vegetation is in good condition. I observed no discoloration indicative of dinoseb contamination at the surface.

xc: Mr. Madsen

A handwritten signature in cursive script, appearing to read "Steve Boswell". The signature is written in black ink on a white background.



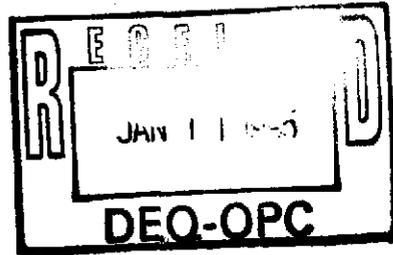
Black - Man made diversion ditch
 Red - trenching/erosion

95
 MONTHLY INSPECTION

VICKSBURG

chemical company

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 875 307 630



Mr. Sam Mabry, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39209

January 6, 1995

Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Thirty-Three

Dear Mr. Mabry:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

VICKSBURG

chemical company

Mr. John Dickinson, Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

January 6, 1995

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Thirty-Three

Dear Mr. Dickinson:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Thirty-Three, for the month of December, 1994. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of Interim Measures completed is estimated to be 5%. The percentage of RFI work completed is estimated to be 10%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins.

Summary of Changes made to the IM and RFI during the Reporting Period

No changes were made during the reporting period.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None

Changes in Personnel

None

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Projected Work for the Month

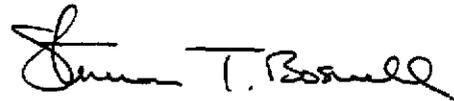
Preliminary work on the Interim Measures Design Document and CQA Plan documents required under the Scope of Work for Interim Measures is currently awaiting comment from EPA on previously submitted documents.

Results of Sampling and Analysis Activities during the Report Period

No samples were taken or analyzed for work to be performed under the Decree.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Sam Mabry, MSDEQ

File

Memo To: Landfill File

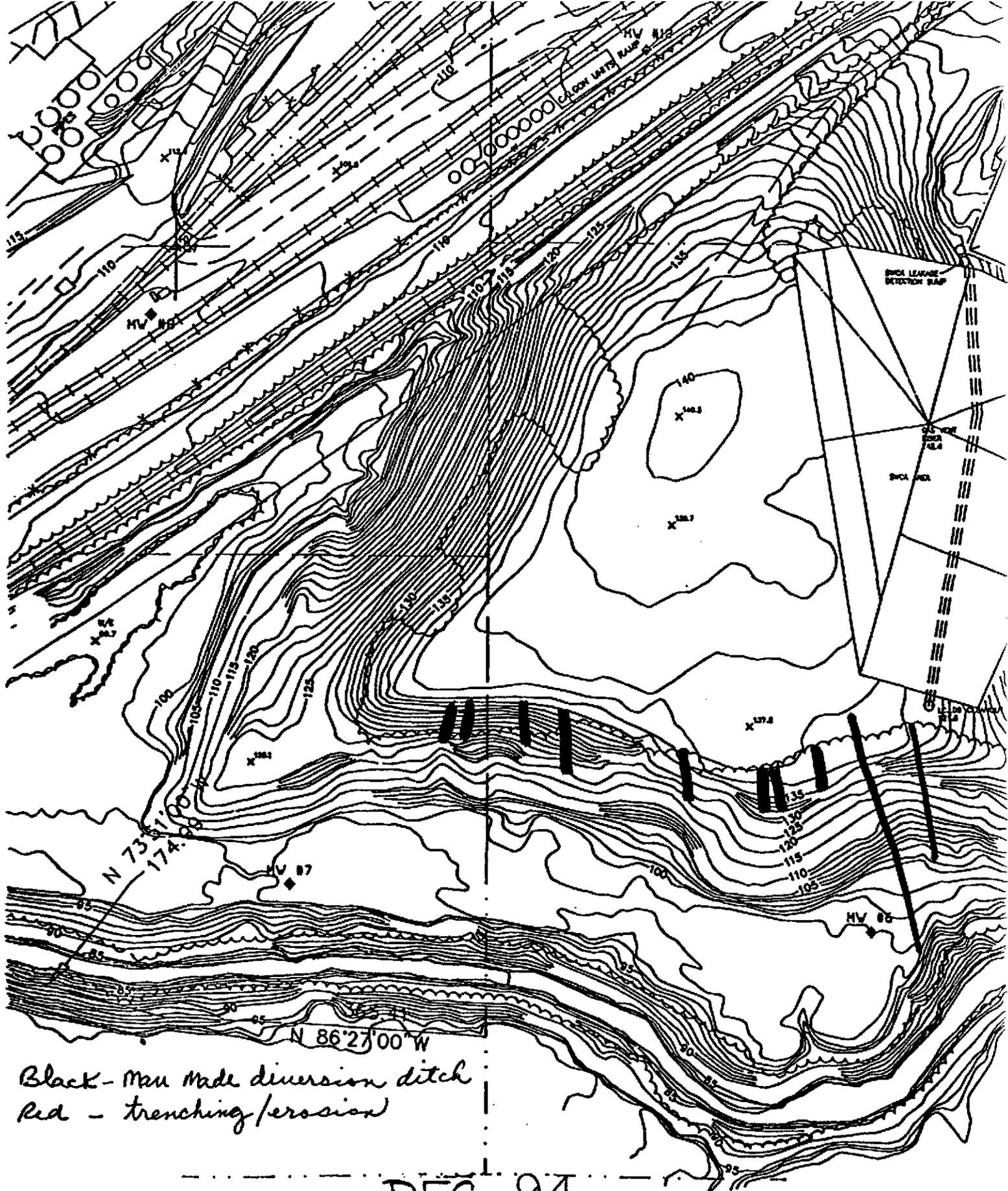
January 06, 1995

From: Steve Boswell

Subject: December, 1994, Inspection

After inspecting the SWCA and Old Landfill on foot, I have observed no significant changes in previously described erosional features. There is no current need for repair. Vegetation is in good condition. I observed no discoloration indicative of dinoseb contamination at the surface.

xc: Mr. Madsen



Black - Man Made diversion ditch
 Red - trenching/erosion

DEC 94
 MONTHLY INSPECTION

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 12-26- TO 1-1-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 12-26-94 Inspected by WJH
 Results of inspection Good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
12-26-94	9'9"	WJH	Report needs for corrective action to:
12-27-94	9'10"	WJH	
12-28-94	9'0"	WJH	
12-29-94	9'1"	WJH	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
12-30-94	8'1"	WJH	
12-31-94	7'4"	CS	
1-1-95	6'8"	WJH	

Results of weekly inspection and actions taken:

3. Calgon Units - Report major leaks or malfunctions to Maintenance and Env. Inspect units daily.

Dates Inspected	Initials	Comments
<u>12-26-94</u>	<u>WBA</u>	<u>OK</u>
<u>12-27-94</u>	<u>WBA</u>	<u>OK</u>
<u>12-28-94</u>	<u>WBA</u>	<u>OK</u>
<u>12-29-94</u>	<u>WBA</u>	<u>OK</u>
<u>12-30-94</u>	<u>WBA</u>	<u>OK</u>
<u>12-31-94</u>	<u>OS</u>	<u>OK</u>
<u>1-1-95</u>	<u>OS</u>	<u>OK</u>

4. Railroad Sump - Inspect daily for operation, level control and silt accumulation. Record results and corrective actions.

Dates Inspected	Initials	Results
<u>12-26-94</u>	<u>WBA</u>	<u>OK</u>
<u>12-27-94</u>	<u>WBA</u>	<u>OK</u>
<u>12-28-94</u>	<u>WBA</u>	<u>OK</u>
<u>12-29-94</u>	<u>WBA</u>	<u>OK</u>
<u>12-30-94</u>	<u>WBA</u>	<u>OK</u>
<u>12-31-94</u>	<u>OS</u>	<u>OK</u>
<u>1-1-95</u>	<u>OS</u>	<u>OK</u>

5. South Sump - Inspect daily for operation, level control and silt accumulation. Record findings and corrective actions.

Dates Inspected	Initials	Results
<u>12-26-94</u>	<u>WBA</u>	<u>OK</u>
<u>12-27-94</u>	<u>WBA</u>	<u>OK</u>
<u>12-28-94</u>	<u>WBA</u>	<u>OK</u>
<u>12-29-94</u>	<u>WBA</u>	<u>OK</u>
<u>12-30-94</u>	<u>WBA</u>	<u>OK</u>
<u>12-31-94</u>	<u>OS</u>	<u>OK</u>
<u>1-1-95</u>	<u>OS</u>	<u>OK</u>

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 12/19 TO 12/25/94

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 12/20/94 Inspected by H. Wells

Results of inspection no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, seeping, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>12/19/94</u>	<u>7'2</u>	<u>HW</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>12/20/94</u>	<u>7'4</u>	<u>HW</u>	
<u>12/21/94</u>	<u>7'2</u>	<u>HW</u>	
<u>12/22/94</u>	<u>8'10"</u>	<u>HW</u>	
<u>12/23/94</u>	<u>10'2</u>	<u>HW</u>	
<u>12/24/94</u>	<u>9'11"</u>	<u>[Signature]</u>	
<u>12/25/94</u>	<u>9'7"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:
All in order

3. Calgon Units - Report major leaks or malfunctions to Maintenance and Env. Inspect units daily.

Dates Inspected	Initials	Comments
<u>12/19/94</u>	<u>HW</u>	<u>OK</u>
<u>12/20/94</u>	<u>HW</u>	<u>OK</u>
<u>12/21/94</u>	<u>HW</u>	<u>OK</u>
<u>12/22/94</u>	<u>HW</u>	<u>OK</u>
<u>12/23/94</u>	<u>HW</u>	<u>OK</u>
<u>12/24/94</u>	<u>WJ</u>	<u>OK</u>
<u>12/25/94</u>	<u>WJ</u>	<u>OK</u>

4. Railroad Sump - Inspect daily for operation, level control and silt accumulation. Record results and corrective actions.

Dates Inspected	Initials	Results
<u>12/19/94</u>	<u>HW</u>	<u>OK</u>
<u>12/20/94</u>	<u>HW</u>	<u>OK</u>
<u>12/21/94</u>	<u>HW</u>	<u>OK</u>
<u>12/22/94</u>	<u>HW</u>	<u>OK</u>
<u>12/23/94</u>	<u>HW</u>	<u>OK</u>
<u>12/24/94</u>	<u>WJ</u>	<u>OK</u>
<u>12/25/94</u>	<u>WJ</u>	<u>OK</u>

5. South Sump - Inspect daily for operation, level control and silt accumulation. Record findings and corrective actions.

Dates Inspected	Initials	Results
<u>12/19/94</u>	<u>HW</u>	<u>OK</u>
<u>12/20/94</u>	<u>HW</u>	<u>OK</u>
<u>12/21/94</u>	<u>HW</u>	<u>OK</u>
<u>12/22/94</u>	<u>HW</u>	<u>OK</u>
<u>12/23/94</u>	<u>HW</u>	<u>OK</u>
<u>12/24/94</u>	<u>WJ</u>	<u>OK</u>
<u>12/25/94</u>	<u>WJ</u>	<u>OK</u>

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 12-12-94 TO 12-18-94

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 12-12-94 Inspected by BGW

Results of inspection no drums AREA ok.

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
<u>12-12-94</u>	<u>5'6"</u>	<u>BGW</u>
<u>12-13-94</u>	<u>5'5"</u>	<u>BGW</u>
<u>12-14-94</u>	<u>6'0"</u>	<u>BGW</u>
<u>12-15-94</u>	<u>6'0"</u>	<u>BGW</u>
<u>12-16-94</u>	<u>6'10"</u>	<u>BGW</u>
<u>12/17/94</u>	<u>7'2</u>	<u>HW</u>
<u>12/18/94</u>	<u>7'9</u>	<u>HW</u>

Report needs for corrective action to:

Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 12-5-94 TO 12-11-94

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 12-5-94 Inspected by [Signature]

Results of inspection No drums AREA good shape

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>12-5-94</u>	<u>4' 10"</u>	<u>[Signature]</u>	Report needs for corrective action to:
<u>12-6-94</u>	<u>5' 9"</u>	<u>[Signature]</u>	
<u>12-7-94</u>	<u>5' 10"</u>	<u>[Signature]</u>	
<u>12-8-94</u>	<u>5' 10"</u>	<u>[Signature]</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>12-9-94</u>	<u>6' 0"</u>	<u>[Signature]</u>	
<u>12-10-94</u>	<u>6' 4"</u>	<u>BGW</u>	
<u>12-11-94</u>	<u>6' 4"</u>	<u>BGW</u>	

Results of weekly inspection and actions taken:

good Frost finally killed grass.

3. Calgon Units - Report major leaks or malfunctions to Maintenance and Env. Inspect units daily.

Dates Inspected	Initials	Comments
<u>12-5-94</u>	<u>OS</u>	<u>ok</u>
<u>12-6-94</u>	<u>OS</u>	<u>ok</u>
<u>12-7-94</u>	<u>OS</u>	<u>ok</u>
<u>12-8-94</u>	<u>OS</u>	<u>ok</u>
<u>12-9-94</u>	<u>OS</u>	<u>ok</u>
<u>12-10-94</u>	<u> </u>	<u> </u>
<u>12-11-94</u>	<u> </u>	<u> </u>

4. Railroad Sump - Inspect daily for operation, level control and silt accumulation. Record results and corrective actions.

Dates Inspected	Initials	Results
<u>12-5-94</u>	<u>OS</u>	<u>ok</u>
<u>12-6-94</u>	<u>OS</u>	<u>ok</u>
<u>12-7-94</u>	<u>OS</u>	<u>ok</u>
<u>12-8-94</u>	<u>OS</u>	<u>ok</u>
<u>12-9-94</u>	<u>OS</u>	<u>ok</u>
<u>12-10-94</u>	<u> </u>	<u> </u>
<u>12-11-94</u>	<u> </u>	<u> </u>

5. South Sump - Inspect daily for operation, level control and silt accumulation. Record findings and corrective actions.

Dates Inspected	Initials	Results
<u>12-5-94</u>	<u>OS</u>	<u>ok</u>
<u>12-6-94</u>	<u>OS</u>	<u>ok</u>
<u>12-7-94</u>	<u>OS</u>	<u>ok</u>
<u>12-8-94</u>	<u>OS</u>	<u>ok</u>
<u>12-9-94</u>	<u>OS</u>	<u>ok</u>
<u>12-10-94</u>	<u> </u>	<u> </u>
<u>12-11-94</u>	<u> </u>	<u> </u>

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 11/28 TO 12/4/94

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 11/28 Inspected by WJW

Results of inspection OK

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
11/28/94	5'8"	WJW
11/29/94	4'11"	WJW
11/30/94	4'7"	WJW
12/1/94	3'6"	WJW
12/2/94	3'0"	WJW
12-3-94	2'8"	OB
12-4-94	3'9"	OB

Report needs for corrective action to:

Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

3. Calgon Units - Report major leaks or malfunctions to Maintenance and Env. Inspect units daily.

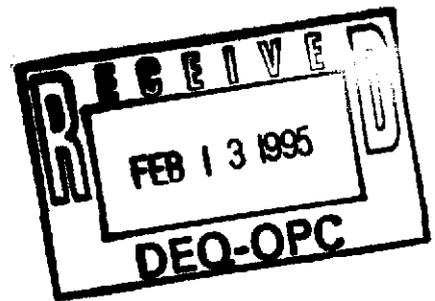
Dates Inspected	Initials	Comments
11/28/94	WJH	OK
11/29/94	WJH	OK
11/30/94	WJH	OK
12/1/94	WJH	OK
12/2/94	WJH	OK
12-3-94	PS	OK
12-4-94	PS	OK

4. Railroad Sump - Inspect daily for operation, level control and silt accumulation. Record results and corrective actions.

Dates Inspected	Initials	Results
11/28/94	WJH	OK
11/29/94	WJH	OK
11/30/94	WJH	OK
12/1/94	WJH	OK
12/2/94	WJH	OK
12-3-94	PS	OK
12-4-94	PS	OK

5. South Sump - Inspect daily for operation, level control and silt accumulation. Record findings and corrective actions.

Dates Inspected	Initials	Results
11/28/94	WJH	OK
11/29/94	WJH	OK
11/30/94	WJH	OK
12/1/94	WJH	OK
12/2/94	WJH	OK
12-3-94	PS	OK
12-4-94	PS	OK



CERTIFIED MAIL
RETURN RECEIPT REQUESTED
P 875 307 639

Mr. Jerry Banks, Chief
Hazardous Waste Division
Bureau of Pollution Control
MS Dept. of Env. Quality
P.O. Box 10385
Jackson, MS 39209

February 10, 1995

Re: Cedar Chemical Corporation, MSD 990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Thirty-Four

Dear Mr. Banks:

Please find enclosed a copy of the referenced Report as required by the terms of the Decree and related Scopes of Work (to become Workplans following approval).

Please contact Cedar Chemical with any comments or objections you may have concerning this report.

Sincerely,

Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump
Mr. Karkkainen, Woodward-Clyde

File

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

VICKSBURG

chemical company

Ms. Jeaneanne Gettle, Acting Chief
Waste Compliance Section
RCRA and FF Branch
U.S. EPA, Region IV
345 Courtland Street, N.E.
Atlanta, Georgia 30365

February 9, 1995

Re: Cedar Chemical Corporation, MSD990714081
Consent Decree and RCRA Facility Investigation
Progress Report Number Thirty-Four

Dear Ms. Gettle:

As required by Section XIV of the Consent Decree and the reporting requirements of the Interim Measures and RFI Scopes of Work, Cedar Chemical is submitting Progress Report Number Thirty-Four, for the month of January, 1995. The report will track the items required to be reported as described in the Decree and Scopes of Work (later to be Workplans following approval).

Description and Estimate of the Percentage of the RFI Completed

The percentage of Interim Measures completed is estimated to be 5%. The percentage of RFI work completed is estimated to be 10%.

Summary of Inspections and Findings

Cedar continues to remove accumulating materials from sumps and catch basins.

Summary of Changes made to the IM and RFI during the Reporting Period

No changes were made during the reporting period.

Summary of Problems or Potential Problems

Rainfall erosion on "SWCA" and Old Landfill SWMUs has been minimal during the period.

Actions taken to Rectify Problems

None

Changes in Personnel

None

The Potassium People

P.O. Box 821003 • Vicksburg, MS 39182
Bus: (601) 636-1231 • Fax: (601) 636-5767

Projected Work for the Month

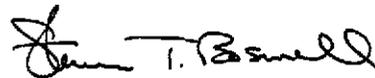
Preliminary work on the Interim Measures Design Document and CQA Plan documents required under the Scope of Work for Interim Measures is currently awaiting comment from EPA on previously submitted documents. Revisions to the Closure Plan for SWMU 1 are in progress as required in comments received from the office of Mr. G. Alan Farmer of Region IV in a letter dated November 8, 1994, and received January 23, 1994.

Results of Sampling and Analysis Activities during the Report Period

No samples were taken or analyzed for work to be performed under the Decree.

Please contact Cedar with any comments or objections you may have concerning this report.

Sincerely,



Steven T. Boswell
Director of Env. Affairs

STB: pc

xc: Mr. Miles
Mr. Madsen
Mr. Malone, Apperson, Crump, Duzane & Maxwell
Mr. Karkkainen, Woodward-Clyde
Mr. Jerry Banks, MSDEQ

File

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 1/30 TO 2/5/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1/31/95 Inspected by H wells

Results of inspection no drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>1/30/95</u>	<u>5'8</u>	<u>HW</u>	Report needs for corrective action to:
<u>1/31/95</u>	<u>4'8</u>	<u>HW</u>	
<u>2/1/95</u>	<u>5'1</u>	<u>HW</u>	
<u>2/2/95</u>	<u>5'2"</u>	<u>BHW</u>	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>2/3/95</u>	<u>5'2</u>	<u>AW</u>	
<u>2/4/95</u>	<u>5'5"</u>	<u>AW</u>	
<u>2/5/95</u>	<u>5'0</u>	<u>AW</u>	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 1-23-95 TO 1-29-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1/24/95 Inspected by WHL
 Results of inspection _____

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS
1-23-95	7'2"	WHL
1-24-95	7'6"	WHL
1-25-95	6'11"	WHL
1-26-95	6'1"	HW
1-27-95	5'0"	HW
1-28-95	5'1"	HW
1-29-95	5'8"	HW

Report needs for corrective action to:
 Maintenance Planner
 Shift Supervisor
 South Plant Supervisor
 Environmental Dept.

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 1/16 TO 1/22/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1/16/95 Inspected by H. Wells

Results of inspection NO drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>1/16/95</u>	<u>8'0</u>	<u>HW</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>1/17/95</u>	<u>7'8</u>	<u>HW</u>	
<u>1/18/95</u>	<u>7'4</u>	<u>HW</u>	
<u>1/19/95</u>	<u>5'10</u>	<u>HW</u>	
<u>1/20/95</u>	<u>6'0</u>	<u>HW</u>	
<u>1/21/95</u>	<u>6'1"</u>	<u>[Signature]</u>	
<u>1/22/95</u>	<u>6'7"</u>	<u>[Signature]</u>	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET
 FOR THE WEEK OF 1/9 TO 1/15/95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1/9/95 Inspected by BGW

Results of inspection EMPTY

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>1/9/95</u>	<u>6'8"</u>	<u>BGW</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>1/10/95</u>	<u>6'10"</u>	<u>BGW</u>	
<u>1/11/95</u>	<u>6'10"</u>	<u>BGW</u>	
<u>1/12/95</u>	<u>6'0"</u>	<u>BGW</u>	
<u>1/13/95</u>	<u>6.5"</u>	<u>BGW</u>	
<u>1/14/95</u>	<u>7'0"</u>	<u>HW</u>	
<u>1/15/95</u>	<u>7'8"</u>	<u>HW</u>	

Results of weekly inspection and actions taken:

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 1-2-95 TO 1-8-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 1-2-95 Inspected by OS

Results of inspection NO drums

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
<u>1-2-95</u>	<u>7'1"</u>	<u>OS</u>	Report needs for corrective action to: Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
<u>1-3-95</u>	<u>7'0"</u>	<u>OS</u>	
<u>1-4-95</u>	<u>7'0"</u>	<u>OS</u>	
<u>1-5-95</u>	<u>6'11"</u>	<u>OS</u>	
<u>1-6-95</u>	<u>6'10"</u>	<u>OS</u>	
<u>1-7-95</u>	<u>6'6"</u>	<u>BHW</u>	
<u>1-8-95</u>	<u>6'4"</u>	<u>BHW</u>	

Results of weekly inspection and actions taken:

good.

HAZARDOUS WASTE AREA INSPECTION SHEET

FOR THE WEEK OF 12-26- TO 1-1-95

1. Drums in 90 Day Storage - Inspect weekly for leaks. Check dates, labeling, no. of drums, access, fire fighting equip.

Date inspected 12-26-94 Inspected by WJH

Results of inspection good

2. South Pond - Record level daily, keep a minimum freeboard of two feet. Inspect dike daily for washing, sagging, sloughing. Report faster than normal loss of level immediately to Maintenance and Environmental.

Check creek for build-up of debris which could hold water against dike in a flood. Write a work order for grass mowing when grass height is excessive.

DATE	POND LEVEL	INITIALS	
12-26-94	9'9"	WJH	Report needs for corrective action to:
12-27-94	9'10"	WJH	
12-28-94	9'0"	WJH	
12-29-94	9'1"	WJH	Maintenance Planner Shift Supervisor South Plant Supervisor Environmental Dept.
12-30-94	8'1"	WJH	
12-31-94	7'4"	CS	
1-1-95	6'8"	CS	

Results of weekly inspection and actions taken:

Memo To: File

February 10, 1995

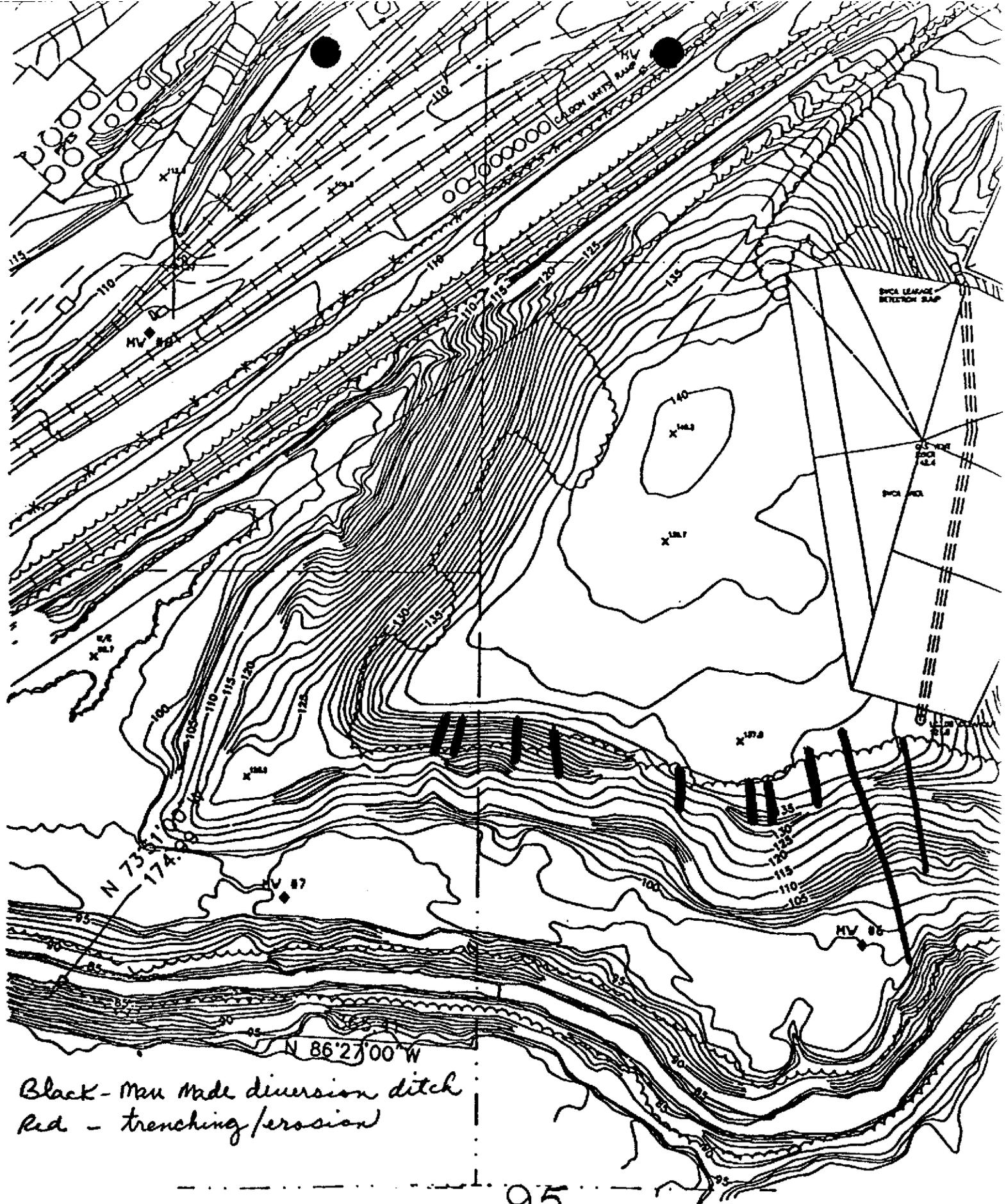
From: Steve Boswell

Subject: Landfil & SWCA Inspection

After inspecting the SWCA and Old Landfill on foot, I have observed no significant changes in previously dscribed erosional features. There is no current need for repair. Vegetation is in good condition. I observed no discoloration indicative of dinoseb contamination at the surface.

xc: Mr. Madsen

A handwritten signature in cursive script, appearing to read "Steve Boswell". The signature is written in black ink and is located in the lower right quadrant of the page.



95
 MONTHLY INSPECTION