

SUNNYSIDE COGEN ASS. ACT/007/035

FOLDER 6 ANNUAL REPORTS 1994

SUNNYSIDE COGENERATION CARBON COUNTY

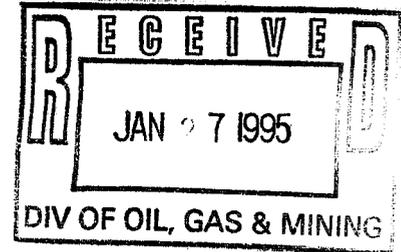
007/035 #2 + #6
cc: PFD
Joe

SUNNYSIDE COGENERATION ASSOCIATES

POST OFFICE BOX 58087
SALT LAKE CITY, UTAH 84158-0087

December 19, 1994

Daron Haddock
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203



RE: Fourth Quarter 1994 Inspection Report

Dear Daron:

Please find enclosed a copy of the Fourth Quarter 1994 Inspection Report for Sunnyside Cogeneration Associates' impoundments, refuse pile and excess spoil area.

Should you have any questions, please contact me.

Sincerely,

A handwritten signature in cursive script that reads "Alane E. Boyd".

Alane E. Boyd, P.E.
Senior Engineer

AEB:sb

Enclosure

cc: Brian Burnett/Callister, Nebeker and McCullough
Joe Helfrich/Division of Oil, Gas & Mining
Bill Malencik/Division of Oil, Gas & Mining
Jim Comas/EWP Engineering

SUNNYSIDE COGENERATION ASSOCIATES ACT/007/035 QUARTERLY INSPECTION OF IMPOUNDMENTS AND REFUSE PILE							Quarter <u>Fourth (Inspected Dec. 19)</u> Year <u>1994</u> Weather Condition <u>Partly cloudy</u>	
IMPOUNDMENT	INSTABILITY (YES/NO)	STRUCTURAL WEAKNESS (YES/NO)	HAZARDOUS CONDITIONS (YES/NO)	WATER DEPTH (FEET)	WATER ELEVATION (FEET)	STORAGE CAPACITY (ACRE-FEET)	*OTHER	COMMENTS
Clear Water Pond (004)	No	No	No	0'	0'	4.9	---	In Active
Railcut Sediment Pond (007)	No	No	No	Dry	0'	4.8	---	Snow Cover
Old Coarse Refuse Road Sediment Pond (008)	No	No	No	Dry	0'	0.9	---	Snow Cover
Pasture Sediment Pond (009)	No	No	No	1'	6484.5	1.0	No Discharge	Ice/Snow Cover
New Coarse Refuse Toe Sediment Pond (012)	No	No	No	1.8'	6177.8	1.6	No Discharge	Ice/Snow Cover
Borrow Area Pond (016)	No	No	No	Dry	---	8.3	---	Snow Cover
Slurry Pond #1	No	No	No	---	NA	16.4	---	In Active
Slurry Pond #2	No	No	No	---	NA	15.3	---	In Active
East Slurry Cell	No	No	No	---	NA	NA	---	In Active
West Slurry Cell	No	No	No	---	NA	NA	---	Coarse Refuse Removal
Coal Runoff Sediment Pond (014)	No	No	No	Dry	0'	1.5	---	Has Been Cleaned Out
REFUSE PILE	INSTABILITY (YES/NO)	STRUCTURAL WEAKNESS (YES/NO)	HAZARDOUS CONDITIONS (YES/NO)	*OTHER			COMMENTS	
Coarse Refuse Pile	No	No	No	Full to capacity; no smoke visible.			In Active	
Excess Spoil Area	No	No	No	---			Drainage Ditch In Place	

*Other = Any existing or required monitoring procedures, instrumentation, or reports of the structure affecting stability.

Date 12/19/94
 State of Utah No. 170148
 Professional Engineer Alan E. Boyd

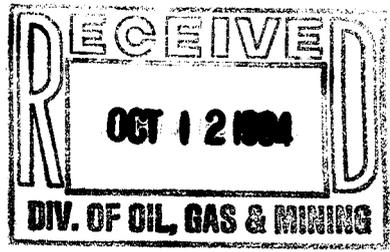


RECEIVED
 JAN 7 1995
 DIV OF OIL, GAS & MINING

C:\WPWIN\SHERRY\COMAS\IMPOUND1.RPT

7/35

SUNNYSIDE COGENERATION ASSOCIATES
POST OFFICE BOX 58087
SALT LAKE CITY, UTAH 84158-0087



October 10, 1994

Daron Haddock
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RE: Third Quarter Impoundment Inspection Report

Route to Daron

Dear Daron:

Hand file ACT/009/035#6

Please find enclosed a copy of the Third Quarter 1994 Impoundment Inspection Report for Sunnyside Cogeneration Associate's impoundments.

Should you have any questions, please contact me.

Sincerely,

Alane E. Boyd

Alane E. Boyd, P.E.
Project Manager

AEB:sb

Enclosure

cc: Brian Burnett/Callister, Nebeker and McCullough
Joe Helfrich/Division of Oil, Gas & Mining
Jim Comas/EWP Engineering

SUNNYSIDE COGENERATION ASSOCIATES
ACT/007/035
QUARTERLY INSPECTION OF IMPOUNDMENTS AND REFUSE PILE

Quarter THIRD (INSPECTED SEPT 29)
Year 1994
Weather Conditions PTLY CLDY

IMPOUNDMENT	INSTABILITY (Yes/No)	STRUCTURAL WEAKNESS (Yes/No)	HAZARDOUS CONDITIONS (Yes/No)	WATER DEPTH (feet)	WATER ELEVATION (feet)	STORAGE CAPACITY (acre-feet)	*OTHER	COMMENTS
Clear Water Pond (004)	No	No	No	0'	0'	4.9	—	IN ACTIVE
Railcut Sediment Pond (007)	No	No	No	.60	6206.6	4.8	—	NO DISCHARGE
Old Coarse Refuse Road Sediment Pond (008)	No	No	No	1.00	6395.0	0.9	—	NO DISCHARGE
Pasture Sediment Pond (009)	No	No	No	2.20	6486.7	1.0	—	NO DISCHARGE
New Coarse Refuse Toe Sediment Pond (012)	No	No	No	1.80	6177.8	1.6	—	NO DISCHARGE
Borrow Area Pond (016)	No	No	No	DAMP	—	8.3	—	NO DISCHARGE
Slurry Pond #1	No	No	No	—	NA	16.4	—	IN ACTIVE
Slurry Pond #2	No	No	No	—	NA	15.3	—	IN ACTIVE
East Slurry Cell	No	No	No	—	NA	NA	—	IN ACTIVE
West Slurry Cell	No	No	No	—	NA	NA	—	IN ACTIVE

Refuse Pile	Instability (Yes/No)	Structural Weakness (Yes/No)	Hazardous Conditions (Yes/No)	*Other	Comments
Coarse Refuse Pile	No	No	No	FULL TO CAPACITY NO SMOKE VISIBLE	IN ACTIVE

*Other = Any existing or required monitoring procedures, instrumentation, or aspects of the structure affecting stability.

Date _____
State of Utah No. _____
Professional Engineer _____

SUNNYSIDE COGENERATION ASSOCIATES

POST OFFICE BOX 58087
SALT LAKE CITY, UTAH 84158-0087

June 27, 1994

Randy Harden
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RE: Second Quarter Impoundment Inspection Report

Dear Randy:

ACT/007/035#6

Please find enclosed a copy of the Second Quarter 1994 Impoundment Inspection Report for Sunnyside Cogeneration Associates' impoundments.

Should you have any questions, please contact me.

Sincerely,

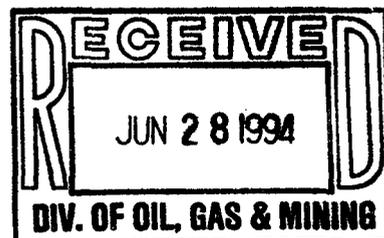
Alane E. Boyd

Alane E. Boyd, P.E.
Project Manager

JC:sb

Enclosure

cc: Brian Burnett/Callister, Duncan and Nebeker
Joe Helfrich/D.O.G.M.
Jim Comas/EWP Engineering



C:\WPWIN\SHERRY\COMASHARDEN.LTR

**SUNNYSIDE COGENERATION ASSOCIATES
ACT/007/035
QUARTERLY INSPECTION OF IMPOUNDMENTS AND REFUSE PILE**

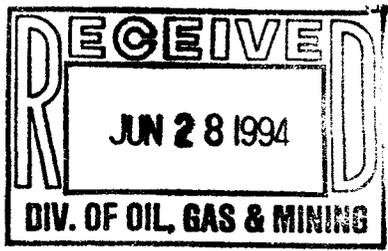
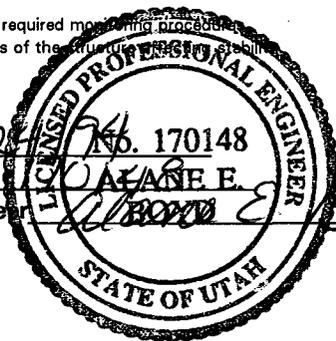
Quarter SECOND (INSPECTED JUNE 24, 1994)
Year 1994
Weather Conditions FAIR

IMPOUNDMENT	INSTABILITY (Yes/No)	STRUCTURAL WEAKNESS (Yes/No)	HAZARDOUS CONDITIONS (Yes/No)	WATER DEPTH (feet)	WATER ELEVATION (feet)	STORAGE CAPACITY (acre-feet)	*OTHER	COMMENTS
Clear Water Pond (004)	No	No	No	-0'-	-0'-	4.9	NO DISCHARGE	IN ACTIVE
Railcut Sediment Pond (007)	No	No	No	DRY	DRY	4.8	NONE	NO CHANGE
Old Coarse Refuse Road Sediment Pond (008)	No	No	No	DRY	DRY	0.9	NONE	NO CHANGE
Pasture Sediment Pond (009)	No	No	No	DRY	DRY	1.0	NONE	NO CHANGE
New Coarse Refuse Toe Sediment Pond (012)	No	No	No	DRY	DRY	1.6	NONE	NO CHANGE
Borrow Area Pond (016)	No	No	No	DRY	DRY	8.3	NONE	NO CHANGE
Slurry Pond #1	No	No	No	-	NA	16.4	NONE	INACTIVE
Slurry Pond #2	No	No	No	-	NA	15.3	NONE	INACTIVE
East Slurry Cell	No	No	No	-	NA	NA	NONE	IN ACTIVE
West Slurry Cell	No	No	No	-	NA	NA	NONE	IN ACTIVE

Refuse Pile	Instability (Yes/No)	Structural Weakness (Yes/No)	Hazardous Conditions (Yes/No)	*Other	Comments
Coarse Refuse Pile	No	No	No	FULL TO CAPACITY NO SMOKE VISIBLE	NO CHANGE / INACTIVE

*Other = Any existing or required monitoring procedures, instrumentation, or aspects of the structure or facility.

Date 6/24/94
State of Utah No. 170148
Professional Engineer DAANE E. BOYD



SUNNYSIDE COGENERATION ASSOCIATES

POST OFFICE BOX 58087
SALT LAKE CITY, UTAH 84158-0087

June 14, 1994

ACT/007/035 # 10

Mr. Randy Harden
Division of Oil, Gas and Mining
3 Triad Center - Suite 350
Salt Lake City, UT 84180-1203

RE: Project No. EC450593 - Updated Mine Sequence Map for Sunnyside Cogeneration Associates Annual Report

Dear Randy,

Enclosed are three copies of the Updated Mine Sequence Map. These maps show the quantity of refuse that was utilized in the cogeneration facility during 1993. The maps were created by using an up-to-date aerial photograph of the site and information obtained from both Jerry Carter and Boyd Draper of Savage Industries. According to the mass balance calculations, there was a total of 266,000 tons of coarse and fine refuse utilized in the cogeneration facility.

Please include the updated maps in the Sunnyside Cogeneration Associates 1993 Annual Report. If there are any questions, please feel free to call.

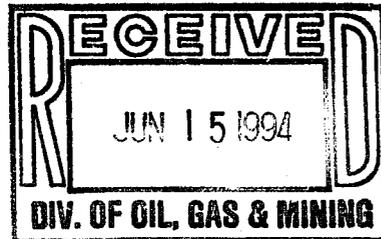
Sincerely,

AEB for

David Pearce
Authorized Member, Management Committee

Alane E. Boyd

Alane E. Boyd, P.E.
Senior Engineer

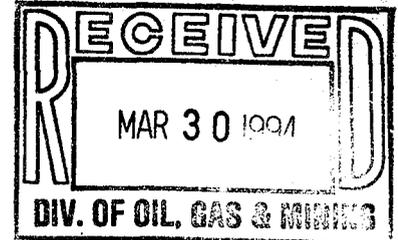


Enclosure

cc: Brian Burnett; Callister, Duncan & Nebeker
Jim Comas; Eckhoff, Watson & Preator Engineering

SUNNYSIDE COGENERATION ASSOCIATES

POST OFFICE BOX 58087
SALT LAKE CITY, UTAH 84158-0087



March 28, 1994

Randy Harden
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

*file folder #6
ACT 007/035*

RE: Third Quarter Impoundment Inspection Report

Dear Randy:

Please find enclosed a copy of the First Quarter 1994 Impoundment Inspection Report for Sunnyside Cogeneration Associates' impoundments.

Should you have any questions, please contact me.

Sincerely,

A handwritten signature in cursive script that reads "Jim Comas".

Jim Comas
Environmental Coordinator

JC:sb

Enclosure

cc: Brian Burnett/Callister, Duncan and Nebeker
✓ Joe Helfrich/D.O.G.M.
Alane Boyd/EWP Engineering

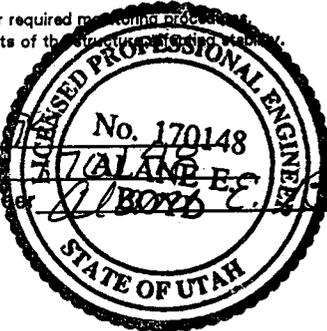
**SUNNYSIDE COGENERATION ASSOCIATES
ACT/007/035
QUARTERLY INSPECTION OF IMPOUNDMENTS AND REFUSE PILE**

Quarter FIRST (INSPECTED MARCH 16, 1994)
Year 1994
Weather Conditions FAIR

IMPOUNDMENT	INSTABILITY (Yes/No)	STRUCTURAL WEAKNESS (Yes/No)	HAZARDOUS CONDITIONS (Yes/No)	WATER DEPTH (feet)	WATER ELEVATION (feet)	STORAGE CAPACITY (acre-feet)	*OTHER	COMMENTS
Clear Water Pond (004)	NO	NO	NO	—	—	4.9	NO DISCHARGE	CLEANING IN PROCESS
Railcut Sediment Pond (007)	NO	NO	NO	DRY	DRY	4.8	NONE	NO CHANGE - DRY
Old Coarse Refuse Road Sediment Pond (008)	NO	NO	NO	DRY	DRY	0.9	NONE	NO CHANGE - DRY
Pasture Sediment Pond (009)	NO	NO	NO	DRY	DRY	1.0	NONE	NO CHANGE - DRY
New Coarse Refuse Toe Sediment Pond (012)	NO	NO	NO	DRY	DRY	1.6	NONE	NO CHANGE - DRY
Borrow Area Pond (016)	NO	NO	NO	DRY	DRY	8.3	NONE	NO CHANGE - DRY
Slurry Pond #1	NO	NO	NO	—	NA	16.4	NONE	INACTIVE - FULL
Slurry Pond #2	NO	NO	NO	—	NA	15.3	NONE	INACTIVE
East Slurry Cell	NO	NO	NO	—	NA	NA	NONE	INACTIVE
West Slurry Cell	NO	NO	NO	—	NA	NA	NONE	INACTIVE
Refuse Pile	Instability (Yes/No)	Structural Weakness (Yes/No)	Hazardous Conditions (Yes/No)	*Other		Comments		
Coarse Refuse Pile	NO	NO	NO	FULL TO CAPACITY NO SMOKE VISIBLE		NO CHANGE		

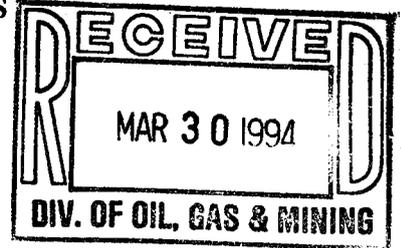
*Other = Any existing or required monitoring procedures, instrumentation, or aspects of the structure or impoundment.

Date 3/16/94
State of Utah No. 70148
Professional Engineer BOBB E. BOYD



SUNNYSIDE COGENERATION ASSOCIATES

POST OFFICE BOX 58087
SALT LAKE CITY, UTAH 84158-0087



March 28, 1994

Mr. William Holgate
District Manager (9)
M.S.H.A.
P.O. Box 25367, DFC
Denver, CO 80225

RE: Annual Impoundment and Refuse Pile Reports
Sunnyside Cogeneration Associates
ID No. 1211-UT-09-01813-01 & 1211-UT-09-01813-02

Dear Mr. Holgate:

Enclosed please find the Annual Impoundment and Refuse Pile Reports for 1993.

If you have any questions, please contact me at (801) 261-0090.

Sincerely,

A handwritten signature in cursive script that reads "Alane E. Boyd".

Alane E. Boyd, P.E.
Project Manager
Eckhoff, Watson and Preator Engineering

AEB:sb

Enclosures

cc: Randy Harden/D.O.G.M.
Joe Helfrich/D.O.G.M.
Brian Burnett/Callister, Duncan and Nebeker

SUNNYSIDE COGENERATION ASSOCIATES
MSHA I.D. #42-01813

COARSE REFUSE PILE ANNUAL REPORT

REFUSE PILE: Sunnyside Cogeneration Associates Refuse Pile

REFUSE PILE ID NO: 1211-UT-09-01813-02

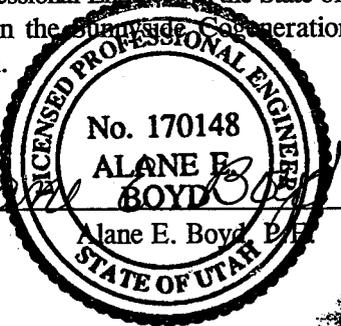
Stability: Banks Appeared Stable Throughout 1993 - Minimal Erosion

Hazardous Conditions: No Hazardous Conditions Existed in 1993

Impounded Water: No Impounded Water at the Time of Inspection in 1993

Notes: Some Spontaneous Combustion (Smoke) Occurred During 1993, but was Extinguished by Sealing with Incombustible Materials.

I, Alane E. Boyd, a Registered Professional Engineer in the State of Utah, License Number 170148, do hereby certify that all work performed on the Sunnyside Cogeneration Coarse Refuse Pile during 1993 was in accordance with the approved plan.


Alane E. Boyd

12/22/93
Date

SUNNYSIDE COGENERATION ASSOCIATES

WATER IMPOUNDMENT AND IMPOUNDING STRUCTURE ANNUAL REPORT

IMPOUNDMENT: WEST SLURRY CELL

IMPOUNDMENT ID NO: 1211-UT-09-01813-01

Changes in the Geometry of the Impounding Structure During This Reporting Period:

Modifications were made to the Impounding Structure during 1993 for Coarse Refuse Storage.

Instrumentation:

There is no Monitored Instrumentation on the Impounding Structure.

Impounded Water, Sediment, or Slurry Level:

There was no slurry sent into the West Slurry Cell during 1993.

Storage Capacity of the Impounding Structure:

The design capacity of this Impoundment did change during 1993 (Due to modification to allow for coarse refuse storage).

Average Volume of Water, Sediment, or Slurry Impounded:

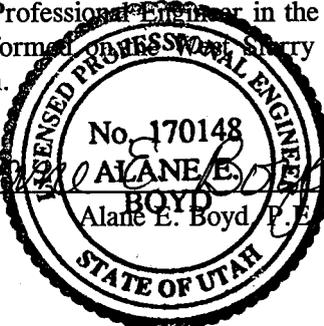
This Structure impounded no significant amount of water other than precipitation during 1993.

Minor Smoke Occurrences On The Embankment Crest Were Extinguished By Sealing With Incombustible Materials.

Other Aspects Of The Impounding Structure Affecting Its Stability Which Occurred During This Reporting Period:

There was no known changes to the Impounding Structure which would have affected its stability.

I, Alane E. Boyd, a Registered Professional Engineer in the State of Utah, License Number 170148, do hereby certify that all work performed on the West Slurry Cell and Embankment during 1993 was in accordance with the approved plan.

Alane E. Boyd

Alane E. Boyd P.E.

12/22/93
Date

SUNNYSIDE COGENERATION ASSOCIATES

POST OFFICE BOX 58087
SALT LAKE CITY, UTAH 84158-0087

March 28, 1994

Randy Harden
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

File ACT/007/035 #6

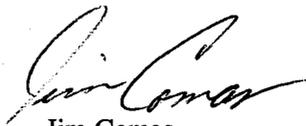
RE: Third Quarter Impoundment Inspection Report

Dear Randy:

Please find enclosed a copy of the First Quarter 1994 Impoundment Inspection Report for Sunnyside Cogeneration Associates' impoundments.

Should you have any questions, please contact me.

Sincerely,



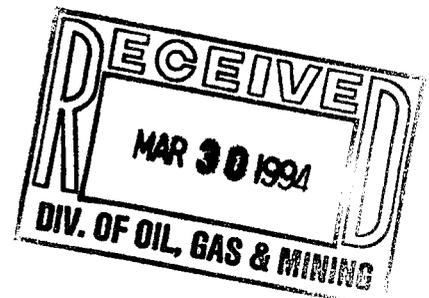
Jim Comas
Environmental Coordinator

JC:sb

Enclosure

cc: Brian Burnett/Callister, Duncan and Nebeker
Joe Helfrich/D.O.G.M.
Alane Boyd/EWP Engineering

C:\WPWINSHERRY\COMAS\HARDEN.LTR



SUNNYSIDE COGENERATION ASSOCIATES
ACT/007/035
QUARTERLY INSPECTION OF IMPOUNDMENTS AND REFUSE PILE

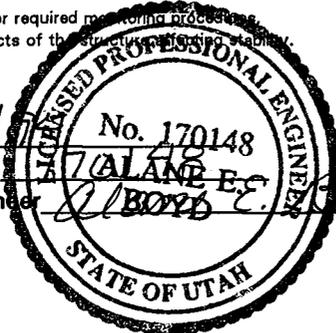
Quarter FIRST (INSPECTED MARCH 16, 1994)
 Year 1994
 Weather Conditions FAIR

IMPOUNDMENT	INSTABILITY (Yes/No)	STRUCTURAL WEAKNESS (Yes/No)	HAZARDOUS CONDITIONS (Yes/No)	WATER DEPTH (feet)	WATER ELEVATION (feet)	STORAGE CAPACITY (acre-feet)	*OTHER	COMMENTS
Clear Water Pond (004)	NO	NO	NO	—	—	4.9	NO DISCHARGE	CLEANING IN PROCESS
Outlet Sediment Pond (007)	NO	NO	NO	DRY	DRY	4.8	NONE	NO CHANGE - DRY
Old Coarse Refuse Road Sediment Pond (008)	NO	NO	NO	DRY	DRY	0.9	NONE	NO CHANGE - DRY
Pasture Sediment Pond (009)	NO	NO	NO	DRY	DRY	1.0	NONE	NO CHANGE - DRY
New Coarse Refuse Toe Sediment Pond (012)	NO	NO	NO	DRY	DRY	1.6	NONE	NO CHANGE - DRY
Borrow Area Pond (016)	NO	NO	NO	DRY	DRY	8.3	NONE	NO CHANGE - DRY
Slurry Pond #1	NO	NO	NO	—	NA	16.4	NONE	INACTIVE - FULL
Slurry Pond #2	NO	NO	NO	—	NA	15.3	NONE	INACTIVE
East Slurry Cell	NO	NO	NO	—	NA	NA	NONE	INACTIVE
West Slurry Cell	NO	NO	NO	—	NA	NA	NONE	INACTIVE

Refuse Pile	Instability (Yes/No)	Structural Weakness (Yes/No)	Hazardous Conditions (Yes/No)	*Other	Comments
Coarse Refuse Pile	NO	NO	NO	FULL TO CAPACITY NO SMOKE VISIBLE	NO CHANGE

*Other = Any existing or required monitoring process, instrumentation, or aspects of the structure or existing station.

Date 3/16/94
 State of Utah No. 170148
 Professional Engineer ALAN E. BOYD



RECEIVED
 MAR 30 1994
 DIV. OF OIL, GAS & MINING

SUNNYSIDE COGENERATION ASSOCIATES

POST OFFICE BOX 58087
SALT LAKE CITY, UTAH 84158-0087

March 28, 1994

Mr. William Holgate
District Manager (9)
M.S.H.A.
P.O. Box 25367, DFC
Denver, CO 80225

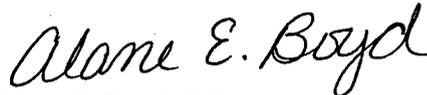
RE: Annual Impoundment and Refuse Pile Reports
Sunnyside Cogeneration Associates
ID No. 1211-UT-09-01813-01 & 1211-UT-09-01813-02

Dear Mr. Holgate:

Enclosed please find the Annual Impoundment and Refuse Pile Reports for 1993.

If you have any questions, please contact me at (801) 261-0090.

Sincerely,



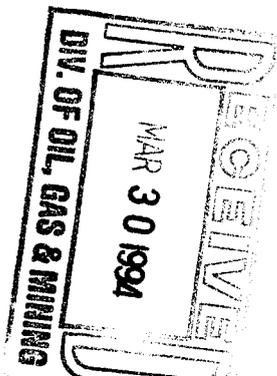
Alane E. Boyd, P.E.
Project Manager
Eckhoff, Watson and Preator Engineering

AEB:sb

Enclosures

cc: Randy Harden/D.O.G.M.
Joe Helfrich/D.O.G.M.
Brian Burnett/Callister, Duncan and Nebeker

C:\WPWIN\SHERRY\COMAS\IMPOUND.RPT



SUNNYSIDE COGENERATION ASSOCIATES
MSHA I.D. #42-01813

COARSE REFUSE PILE ANNUAL REPORT

REFUSE PILE: Sunnyside Cogeneration Associates Refuse Pile

REFUSE PILE ID NO: 1211-UT-09-01813-02

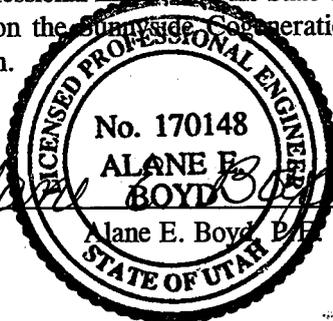
Stability: Banks Appeared Stable Throughout 1993 - Minimal Erosion

Hazardous Conditions: No Hazardous Conditions Existed in 1993

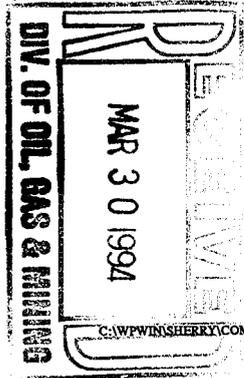
Impounded Water: No Impounded Water at the Time of Inspection in 1993

Notes: Some Spontaneous Combustion (Smoke) Occurred During 1993, but was Extinguished by Sealing with Incombustible Materials.

I, Alane E. Boyd, a Registered Professional Engineer in the State of Utah, License Number 170148, do hereby certify that all work performed on the Sunnyside Cogeneration Coarse Refuse Pile during 1993 was in accordance with the approved plan.



12/22/93
Date



SUNNYSIDE COGENERATION ASSOCIATES

WATER IMPOUNDMENT AND IMPOUNDING STRUCTURE ANNUAL REPORT

IMPOUNDMENT: WEST SLURRY CELL

IMPOUNDMENT ID NO: 1211-UT-09-01813-01

Changes in the Geometry of the Impounding Structure During This Reporting Period:

Modifications were made to the Impounding Structure during 1993 for Coarse Refuse Storage.

Instrumentation:

There is no Monitored Instrumentation on the Impounding Structure.

Impounded Water, Sediment, or Slurry Level:

There was no slurry sent into the West Slurry Cell during 1993.

Storage Capacity of the Impounding Structure:

The design capacity of this Impoundment did change during 1993 (Due to modification to allow for coarse refuse storage).

Average Volume of Water, Sediment, or Slurry Impounded:

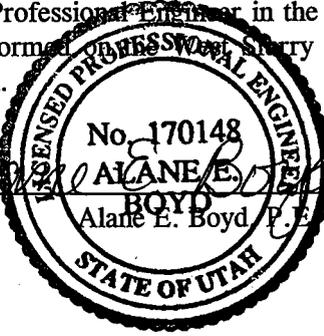
This Structure impounded no significant amount of water other than precipitation during 1993.

Minor Smoke Occurrences On The Embankment Crest Were Extinguished By Sealing With Incombustible Materials.

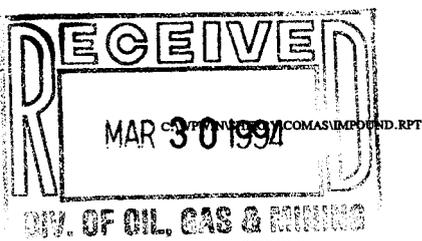
Other Aspects Of The Impounding Structure Affecting Its Stability Which Occurred During This Reporting Period:

There was no known changes to the Impounding Structure which would have affected its stability.

I, Alane E. Boyd, a Registered Professional Engineer in the State of Utah, License Number 170148, do hereby certify that all work performed on the West Slurry Cell and Embankment during 1993 was in accordance with the approved plan.

Alane E. Boyd


12/22/93
Date



ACT/007/035
FOLDER # 6

SUNNYSIDE COGENERATION ASSOCIATES

POST OFFICE BOX 58087
SALT LAKE CITY, UTAH 84158-0087

December 30, 1993

RECEIVED

DEC 30 1993

DIVISION OF
OIL, GAS & MINING

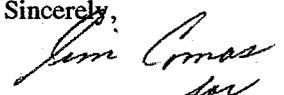
Mr. Randy Harden
Division of Oil, Gas and Mining
3 Triad Center - Suite 350
Salt Lake City, UT 84180-1203

RE: Project No. EC450593 - Sunnyside Cogeneration Associates: Fourth Quarter Impoundment Inspection Report

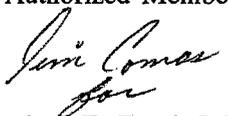
Dear Randy,

Enclosed, for your records, are two copies of the fourth quarter impoundment inspection report. If you have any question, please do not hesitate to call.

Sincerely,



David Pearce
Authorized Member, Management Committee



Alan E. Boyd, P.E.
Senior Engineer

Enclosure

cc: Brian Burnett, Callister, Duncan & Nebeker

AEB:jws
c:\jess\ss\qurtinsp.doc

SUNNYSIDE COGENERATION ASSOCIATES
ACT/007/035
QUARTERLY INSPECTION OF IMPOUNDMENTS AND REFUSE PILE

Quarter FOURTH (INSPECTED DEC. 22 1993)
Year 1993
Weather Conditions FAIR

IMPOUNDMENT	INSTABILITY (Yes/No)	STRUCTURAL WEAKNESS (Yes/No)	HAZARDOUS CONDITIONS (Yes/No)	WATER DEPTH (feet)	WATER ELEVATION (feet)	STORAGE CAPACITY (acre-feet)	*OTHER	COMMENTS
Clear Water Pond (004)	NO	NO	NO	—	—	4.9	NONE	NO DISCHARGE WAITING TO BE CLEANED
Railcut Sediment Pond (007)	NO	NO	NO	DRY	DRY	4.8	NONE	OK SNOW COVER
Old Coarse Refuse Road Sediment Pond (008)	NO	NO	NO	DRY	DRY	0.9	NONE	OK SNOW COVER
Pasture Sediment Pond (009)	NO	NO	NO	DRY	DRY	1.0	NONE	OK SNOW COVER
New Coarse Refuse Toe Sediment Pond (012)	NO	NO	NO	DRY	DRY	1.6	NONE	OK SNOW COVER
Borrow Area Pond (016)	NO	NO	NO	DRY	DRY	8.3	NONE	OK SNOW COVER
Slurry Pond #1	NO	NO	NO	SLURRY	NA	16.4	NONE	ACTIVE
Slurry Pond #2	NO	NO	NO	NA	NA	15.3	NONE	INACTIVE HAS BEEN CLEANED
East Slurry Cell	NO	NO	NO	NA	NA	NA	NONE	INACTIVE CLEANING IN PROGRESS
West Slurry Cell	NO	NO	NO	NA	NA	NA	NONE	OK INACTIVE COARSE REFUSE REMOVAL

Refuse Pile	Instability (Yes/No)	Structural Weakness (Yes/No)	Hazardous Conditions (Yes/No)	*Other	Comments
Coarse Refuse Pile	NO	NO	NO	FULL TO CAPACITY NO SMOKE VISIBLE	NO CHANGE

*Other = Any existing or required monitoring instrumentation, or aspects of the structure affecting stability

Date Dec. 22 1993
State of Utah No. 8863
Professional Engineer W. BOYD



**SUNNYSIDE COGENERATION ASSOCIATES
ACT/007/035
QUARTERLY INSPECTION OF IMPOUNDMENTS AND REFUSE PILE**

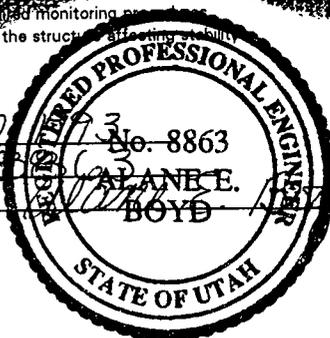
Quarter FOURTH (INSPECTED DEC. 22 1993)
Year 1993
Weather Conditions FAIR

IMPOUNDMENT	INSTABILITY (Yes/No)	STRUCTURAL WEAKNESS (Yes/No)	HAZARDOUS CONDITIONS (Yes/No)	WATER DEPTH (feet)	WATER ELEVATION (feet)	STORAGE CAPACITY (acre-feet)	*OTHER	COMMENTS
Clear Water Pond (004)	NO	NO	NO	—	—	4.9	NONE	NO DISCHARGE WAITING TO BE CLEANED
Railcut Sediment Pond (007)	NO	NO	NO	DRY	DRY	4.8	NONE	OK SNOW COVER
Old Coarse Refuse Road Sediment Pond (008)	NO	NO	NO	DRY	DRY	0.9	NONE	OK SNOW COVER
Pasture Sediment Pond (009)	NO	NO	NO	DRY	DRY	1.0	NONE	OK SNOW COVER
New Coarse Refuse Toe Sediment Pond (012)	NO	NO	NO	DRY	DRY	1.6	NONE	OK SNOW COVER
Borrow Area Pond (016)	NO	NO	NO	DRY	DRY	8.3	NONE	OK SNOW COVER
Slurry Pond #1	NO	NO	NO	SLURRY	NA	16.4	NONE	ACTIVE
Slurry Pond #2	NO	NO	NO	NA	NA	15.3	NONE	INACTIVE HAS BEEN CLEANED
East Slurry Cell	NO	NO	NO	NA	NA	NA	NONE	INACTIVE CLEANING IN PROGRESS
West Slurry Cell	NO	NO	NO	NA	NA	NA	NONE	OK INACTIVE COARSE REFUSE REMOVAL

Refuse Pile	Instability (Yes/No)	Structural Weakness (Yes/No)	Hazardous Conditions (Yes/No)	*Other	Comments
Coarse Refuse Pile	NO	NO	NO	FULL TO CAPACITY NO SMOKE VISIBLE	NO CHANGE

*Other = Any existing or required monitoring instrumentation, or aspects of the structure affecting stability

Date Dec. 22 1993
State of Utah No. 8863
Professional Engineer ALAN E. BOYD



**SUNNYSIDE COGENERATION ASSOCIATES
ACT/007/035
QUARTERLY INSPECTION OF IMPOUNDMENTS AND REFUSE PILE**

Quarter SECOND (INSPECTED JUNE 24, 1994)
Year 1994
Weather Conditions FAIR

IMPOUNDMENT	INSTABILITY (Yes/No)	STRUCTURAL WEAKNESS (Yes/No)	HAZARDOUS CONDITIONS (Yes/No)	WATER DEPTH (feet)	WATER ELEVATION (feet)	STORAGE CAPACITY (acre-feet)	*OTHER	COMMENTS
Clear Water Pond (004)	No	No	No	-0'-	-0'-	4.9	NO DISCHARGE	IN ACTIVE
Railcut Sediment Pond (007)	No	No	No	DRY	DRY	4.8	NONE	NO CHANGE
Old Coarse Refuse Road Sediment Pond (008)	No	No	No	DRY	DRY	0.9	NONE	NO CHANGE
Pasture Sediment Pond (009)	No	No	No	DRY	DRY	1.0	NONE	NO CHANGE
New Coarse Refuse Toe Sediment Pond (012)	No	No	No	DRY	DRY	1.6	NONE	NO CHANGE
Borrow Area Pond (016)	No	No	No	DRY	DRY	8.3	NONE	NO CHANGE
Slurry Pond #1	No	No	No	-	NA	16.4	NONE	INACTIVE
Slurry Pond #2	No	No	No	-	NA	15.3	NONE	INACTIVE
East Slurry Cell	No	No	No	-	NA	NA	NONE	IN ACTIVE
West Slurry Cell	No	No	No	-	NA	NA	NONE	IN ACTIVE

Refuse Pile	Instability (Yes/No)	Structural Weakness (Yes/No)	Hazardous Conditions (Yes/No)	*Other	Comments
Coarse Refuse Pile	No	No	No	FULL TO CAPACITY NO SMOKE VISIBLE	NO CHANGE / INACTIVE

*Other = Any existing or required monitoring procedures, instrumentation, or aspects of the structure or facility.

Date 6/24/94
State of Utah No. 170148
Professional Engineer DAANE E. BOYD

