

NONMETALLIC MINERAL PROCESSING PLANT  
AIR GENERAL PERMIT NOTIFICATION FORM

in office  
5/22/06

**Part III. Notification of Intent to Use Air General Permit**

(Submit this Part to the appropriate permitting office and keep copy of completed form onsite. Instructions follow.)

**Instructions to Owner or Operator:** To give notice to the Department of an eligible facility's intent to use the nonmetallic mineral processing plant air general permit, the owner or operator of the facility must detach and complete Part III of this Nonmetallic Mineral Processing Plant Air General Permit Notification Form and submit it to the appropriate Department of Environmental Protection district office or local air pollution control program office which has been delegated permitting authority. Please type or print clearly all information and enclose the appropriate general permit processing fee pursuant to Rule 62-4.050(4)(o), F.A.C. Please note, the form will not be considered complete unless: 1) the processing fee is attached; 2) if the facility is new, initial visible and particulate matter emissions testing was conducted before beginning commercial operation and the test results have already been submitted to the appropriate permitting authority or accompany the form; and, 3) if the facility is existing, visible and particulate matter emissions testing (initial and renewal) was conducted within 60 days prior to submitting the form and the test results have already been submitted to the appropriate permitting authority or accompany the form. Also, please refer to the instructions for completing Part III of the notification form at the end of the form.

777-5332-001

**General Facility Information**

Facility Owner/Company Name (Name of corporation, agency, or individual owner): <b>Midcoast Aggregates, Inc.</b>		
Site Name (For example, plant name or number):		
<b>Aggregate Plant</b>		
Facility Location: Street Address: <b>7000 SR 50</b> City: <b>Webster</b> County: <b>Sumter</b> Zip Code: <b>33597</b>		
Facility Start-Up Date:		
Relocatable: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		

**Notification Type**

Check one: <input checked="" type="checkbox"/> <b>NEW:</b> Notification of a proposed <i>new</i> nonmetallic mineral processing plant. <input type="checkbox"/> <b>EXISTING:</b> Notification of an <i>existing</i> nonmetallic mineral processing plant. <input type="checkbox"/> <b>RENEWAL:</b> Notification for permit renewal of an <i>existing</i> nonmetallic mineral processing plant.
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**Owner/Authorized Representative**

Name and Title: <b>Woody Sanderson, General Manager</b>		
Owner/Authorized Representative Mailing Address: Organization/Firm: <b>Midcoast Aggregates, Inc.</b> Street Address: <b>7000 SR 50</b> City: <b>Webster</b> County: <b>Sumter</b> Zip Code: <b>33597</b>		
Owner/Authorized Representative Telephone Number: Telephone: <b>(843) 241-3253</b> Fax: <b>(352) 569-0425</b>		

**Facility Contact (If different from Owner/Authorized Representative)**

Name and Title: <b>Billy Barnes, Mine Manager</b>		
Facility Contact Mailing Address: Organization/Firm: <b>Midcoast Aggregates, Inc.</b> Street Address: <b>7000 SR 50</b> City: <b>Webster</b> County: <b>Sumter</b> Zip Code: <b>FL</b>		
Facility Contact Telephone Number: Telephone: <b>(352) 569-0422</b> Fax: <b>(352) 569-0425</b>		

**Facility Comments**

Crushed materials from on-site relocatable crushers are trucked to the aggregate plant. The crushed materials are deposited into the hopper. Material from the hopper is sent to the screening operations via belt conveyor CB-1, where it is separated according to size.

Large material is separated from the material stream during screening and sent to a crusher RC-1 via belt conveyor CB-3. After being crushed, it is sent back to the material stream via belt conveyors CB-4 and CB-5, and is sent to be screened again via belt conveyor CB-1.

Material that meets #57 specifications is separated from the material stream during screening and sent to a stock pile via belt conveyors CB-6 and CB-7.

Material that meets #89 specifications is separated from the material stream during screening and sent to a stock pile via belt conveyors CB-8 and CB-9.

The rest of the material from the screening operations is sent to the classifier. The classifier separates the material using water. Separated material passes through a screw conveyor and is further separated into course screenings or fine screenings. Course screenings are sent to a stock pile via conveyor belts CB-10 and CB-11. Fine screenings are sent to a stock pile via conveyor belts CB-12 and CB-13.

**Material to be Processed and Plant Capacities**

Material to be Processed	Capacity of Plant	Yes	No
<input type="checkbox"/> Concrete	>150 tons/hour (relocatable)	<input type="checkbox"/>	<input type="checkbox"/>
	>25 tons/hour (stationary)	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Recycled asphalt pavement	>150 tons/hour (relocatable)	<input type="checkbox"/>	<input type="checkbox"/>
	>25 tons/hour (stationary)	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/> Crushed and broken stone, including limestone, dolomite, traprock, sandstone, quartz, quartzite, slate, shale, or oilshale	>150 tons/hour (relocatable)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	>25 tons/hour (stationary)	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Sand, shell or gravel	>150 tons/hour (relocatable)	<input type="checkbox"/>	<input type="checkbox"/>
	>25 tons/hour (stationary)	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Common clay	>10 tons per hour	<input type="checkbox"/>	<input type="checkbox"/>
Facility will be located at mines or quarries and used to process <b>only</b> material from onsite natural deposits: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
Comments: <b>None</b>			

**Affected Facilities Description**

Affected Facility	Manufacturer	Date of Manufacture	Model Number	Identifier & Serial Number	Size (TPH, hp, kW, etc.)		Subject to 40 CFR Part 60, Subpart OOO	
					Yes	No	Yes	No
Primary Crusher(s)	Hazmag	2006	1315		250	TPH	X	<input type="checkbox"/>
Secondary Crusher(s)						TPH	<input type="checkbox"/>	<input type="checkbox"/>
Tertiary Crusher						TPH	<input type="checkbox"/>	<input type="checkbox"/>
Grinding Mill(s)						TPH	<input type="checkbox"/>	<input type="checkbox"/>
Bucket Elevator(s)						TPH	<input type="checkbox"/>	<input type="checkbox"/>
Screening Operation(s)	Colbert	1985	701248	31-7012-48-85SSIIANI	160	FT <sup>2</sup>	X	<input type="checkbox"/>
Bagging Operation						TPH	<input type="checkbox"/>	<input type="checkbox"/>
Storage Bin(s)						TONS	<input type="checkbox"/>	<input type="checkbox"/>
Enclosed Truck or Railcar Loading Station						TPH	<input type="checkbox"/>	<input type="checkbox"/>
Crusher Engine				Electric	150	HP	<input type="checkbox"/>	<input type="checkbox"/>
Auxiliary Generator(s)						KW	<input type="checkbox"/>	<input type="checkbox"/>
Belt Conveyor(s) CB-1		1985	701248	31-7012-48-85SSIIANI	36	IN.	X	<input type="checkbox"/>
CB-3		1985	701248	31-7012-48-85SSIIANI	24	IN.	X	<input type="checkbox"/>
CB-4		1985	701248	31-7012-48-85SSIIANI	36	IN.	X	<input type="checkbox"/>
CB-5		1985	701248	31-7012-48-85SSIIANI	36	IN.	X	<input type="checkbox"/>
CB-6		1985	701248	31-7012-48-85SSIIANI	30	IN.	X	<input type="checkbox"/>
<p>Comments:  <b>Please refer to attached process flow diagram. The flow diagram shows a classifier and a screw conveyor. These items are not affected facilities and are not addressed in this permit application.</b>  <b>The classifier unit is a package unit that includes screening operations and belt conveyors.</b>  <b>As a courtesy to the Department, Visible Emissions Observation Sheets for this unit are attached to the application. The test report will be submitted to the Department in a timely manner.</b></p>								

Affected Facility	Manufacturer	Date of Manufacture	Model Number	Identifier & Serial Number	Size (TPH, hp, kW, etc.)	Subject to 40 CFR Part 60, Subpart OOO	
						Yes	No
Primary Crusher(s)					TPH	<input type="checkbox"/>	<input type="checkbox"/>
Secondary Crusher(s)					TPH	<input type="checkbox"/>	<input type="checkbox"/>
Tertiary Crusher					TPH	<input type="checkbox"/>	<input type="checkbox"/>
Grinding Mill(s)					TPH	<input type="checkbox"/>	<input type="checkbox"/>
Bucket Elevator(s)					TPH	<input type="checkbox"/>	<input type="checkbox"/>
Screening Operation(s)					FT <sup>2</sup>	<input type="checkbox"/>	<input type="checkbox"/>
Bagging Operation					TPH	<input type="checkbox"/>	<input type="checkbox"/>
Storage Bin(s)					TONS	<input type="checkbox"/>	<input type="checkbox"/>
Enclosed Truck or Railcar Loading Station					TPH	<input type="checkbox"/>	<input type="checkbox"/>
Crusher Engine					HP	<input type="checkbox"/>	<input type="checkbox"/>
Auxiliary Generator(s)					KW	<input type="checkbox"/>	<input type="checkbox"/>
Belt Conveyor(s) CB-7		1985	701248	31-7012-48-85SSIIANI	30	IN.	X <input type="checkbox"/>
CB-8		1985	701248	31-7012-48-85SSIIANI	30	IN.	X <input type="checkbox"/>
CB-9		1985	701248	31-7012-48-85SSIIANI	30	IN.	X <input type="checkbox"/>
CB-10		1985	701248	31-7012-48-85SSIIANI	30	IN.	X <input type="checkbox"/>
CB-11		1985	701248	31-7012-48-85SSIIANI	30	IN.	X <input type="checkbox"/>
Comments: Please refer to attached process flow diagram. The flow diagram shows a classifier and a screw conveyor. These items are not affected facilities and are not addressed in this permit application. The classifier unit is a package unit that includes screening operations and belt conveyors. As a courtesy to the Department, Visible Emissions Observation Sheets for this unit are attached to the application. The test report will be submitted to the Department in a timely manner.							

Affected Facility	Manufacturer	Date of Manufacture	Model Number	Identifier & Serial Number	Size (TPH, hp, kW, etc.)	Subject to 40 CFR Part 60, Subpart OOO	
						Yes	No
Primary Crusher(s)					TPH	<input type="checkbox"/>	<input type="checkbox"/>
Secondary Crusher(s)					TPH	<input type="checkbox"/>	<input type="checkbox"/>
Tertiary Crusher					TPH	<input type="checkbox"/>	<input type="checkbox"/>
Grinding Mill(s)					TPH	<input type="checkbox"/>	<input type="checkbox"/>
Bucket Elevator(s)					TPH	<input type="checkbox"/>	<input type="checkbox"/>
Screening Operation(s)					FT <sup>2</sup>	<input type="checkbox"/>	<input type="checkbox"/>
Bagging Operation					TPH	<input type="checkbox"/>	<input type="checkbox"/>
Storage Bin(s)					TONS	<input type="checkbox"/>	<input type="checkbox"/>
Enclosed Truck or Railcar Loading Station					TPH	<input type="checkbox"/>	<input type="checkbox"/>
Crusher Engine					HP	<input type="checkbox"/>	<input type="checkbox"/>
Auxiliary Generator(s)					KW	<input type="checkbox"/>	<input type="checkbox"/>
Belt Conveyor(s) <b>CB-12</b>		<b>1985</b>	<b>701248</b>	<b>31-7012-48-85SSIIANI</b>	<b>24</b>	<b>IN.</b>	<b>X</b> <input type="checkbox"/>
<b>CB-13</b>		<b>1985</b>	<b>701248</b>	<b>31-7012-48-85SSIIANI</b>	<b>24</b>	<b>IN.</b>	<b>X</b> <input type="checkbox"/>
<p>Comments:</p> <p><b>Please refer to attached process flow diagram. The flow diagram shows a classifier and a screw conveyor. These items are not affected facilities and are not addressed in this permit application.</b></p> <p><b>The classifier unit is a package unit that includes screening operations and belt conveyors.</b></p> <p><b>As a courtesy to the Department, Visible Emissions Observation Sheets for this unit are attached to the application. The test report will be submitted to the Department in a timely manner.</b></p>							

**Surrender of Existing Air Permit(s) except Air General Permits (do not complete for renewal notifications)**

Check one:

I hereby surrender all existing air permits authorizing operation of the facility\* indicated on this form; specifically permit number(s) \_\_\_\_\_.

No air permits currently exist for the operation of the facility indicated on this form.

\* Except a regular air permit containing a relocatable nonmetallic mineral processing plant as an emissions unit.

**Owner/Authorized Representative Statement**

*I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Notification Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, I agree to operate and maintain the facility and any air pollution control equipment described in this notification so as to comply with all applicable standards and requirements for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof.*

*I will promptly notify the Department of any changes to the information contained in this notification.*

*Will B. \_\_\_\_\_*  
Signature *Woody Sanderson*

*5-9-06*  
Date

**ATTACHMENT 1**  
**FLOW DIAGRAM**

**ATTACHMENT 2**

**VISIBLE EMISSIONS OBSERVATION SHEETS**



SOURCE NAME: **Midcoast Agg. -gate**

ADDRESS: **7000 S.R. 50**

CITY: **Webster** STATE **FL** ZIP

PHONE: **352-569-0422** SOURCE ID NUMBER: **PCI**

PROCESS EQUIPMENT **PC** OPERATING MODE  
*Main Hopper/Crusher*

CONTROL EQUIPMENT OPERATING MODE  
*None Normal*

DESCRIBE EMISSION POINT START **Drop from the Crusher**  
STOP **Main Hopper to the main belt**

HEIGHT ABOVE GROUND LEVEL START **5'** STOP **u**  
HEIGHT RELATIVE TO OBSERVER START **5'** STOP **u**

DISTANCE FROM OBSERVER START **100** STOP **u**  
DIRECTION FROM OBSERVER START **350°** STOP **u**

DESCRIBE EMISSIONS START **None** STOP **u**

EMISSION COLOR START **None** STOP **u**  
PLUME TYPE: CONTINUOUS   
FUGITIVE  INTERMITTENT

WATER DROPLETS PRESENT: NO  YES   
IF WATER DROPLET PLUME: ATTACHED  DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED  
START **Area above & below duct.** STOP **u**

DESCRIBE BACKGROUND START **Trees** STOP **u**

BACKGROUND COLOR START **Green** STOP **u**  
SKY CONDITIONS START **Scat** STOP **u**

WIND SPEED START **5-10** STOP **u**  
WIND DIRECTION START **E** STOP **u**

AMBIENT TEMP: START **82°** STOP **u**  
WET BULB TEMP **70°** RH percent **55%**

COMMENTS  
**No Observable Emission**  
**Rock drop to under belt from Hopper**

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS

SIGNATURE

TITLE

DATE

CONTINUED ON VEO FORM NUMBER

OBSERVATION NO.	START TIME				STOP TIME				
	0	15	30	45	0	15	30	45	
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	0	40	0	0	0	0
11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0
13	0	0	0	0	43	0	0	0	0
14	0	0	0	0	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
16	0	0	0	0	46	0	0	0	0
17	0	0	0	0	47	0	0	0	0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
20	0	0	0	0	50	0	0	0	0
21	0	0	0	0	51	0	0	0	0
22	0	0	0	0	52	0	0	0	0
23	0	0	0	0	53	0	0	0	0
24	0	0	0	0	54	0	0	0	0
25	0	0	0	0	55	0	0	0	0
26	0	0	0	0	56	0	0	0	0
27	0	0	0	0	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
29	0	0	0	0	59	0	0	0	0
30	0	0	0	0	60	0	0	0	0

AVERAGE OPACITY FOR HIGHEST PERIOD **0** % WERE

NUMBER OF READINGS ABOVE RANGE OF OPACITY READINGS

RANGE OF OPACITY READINGS: MINIMUM **0** MAXIMUM **0**

OBSERVER'S NAME (PRINT) **Neil A. Lofgren**

OBSERVER'S SIGNATURE *Neil A. Lofgren* DATE **3/30/06**

ORGANIZATION **KOOGLER AND ASSOCIATES, INC.**

CERTIFIED BY **Whitlow** DATE **1/2006**

VERIFIED BY

DATE

SOURCE NAME: **Midcoast Agg. gate**

ADDRESS: **7000 S.R. 50**

CITY: **Webster** STATE **FL** ZIP

PHONE: **352-569-0422** SOURCE ID NUMBER: **1 SC1**

PROCESS EQUIPMENT ABOVE: **Screen/drop ft. #2** OPERATING MODE

CONTROL EQUIPMENT: **None** OPERATING MODE: **Normal**

DESCRIBE EMISSION POINT: **Drop to screen area**  
 START: **SPRAYER AREA STOP + SCREEN**

HEIGHT ABOVE GROUND LEVEL: START **50'** STOP **~**  
 HEIGHT RELATIVE TO OBSERVER: START **50'** STOP **~**

DISTANCE FROM OBSERVER: START **120'** STOP **~**  
 DIRECTION FROM OBSERVER: START **300°** STOP **~**

DESCRIBE EMISSIONS: START **None only H<sub>2</sub>O mist from sprayer**

EMISSION COLOR: START **None** STOP **~**  
 PLUME TYPE: CONTINUOUS  FUGITIVE  INTERMITTENT

WATER DROPLETS PRESENT: NO  YES   
 IF WATER DROPLET PLUME ATTACHED  DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED: **Above**  
 START: **Screen area STOP Drop to screen**

DESCRIBE BACKGROUND: START **Sky** STOP **~**

BACKGROUND COLOR: START **W/wh** STOP **~**  
 SKY CONDITIONS: START **Scat** STOP **~**

WIND SPEED: START **5-10** STOP **~**  
 WIND DIRECTION: START **E** STOP **~**

AMBIENT TEMP: START **80** STOP **~**  
 WET BULB TEMP: **69** RH.percent: **56%**

COMMENTS: **No observable emissions**

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE

TITLE DATE

CONTINUED ON VEO FORM NUMBER

OBSERVATION DAY		START TIME				STOP TIME					
3/30/06		11:44				12:44					
SEC	MIN	0	15	30	45	SEC	MIN	0	15	30	45
1	0	0	0	0	0	31	0	0	0	0	0
2	0	0	0	0	0	32	0	0	0	0	0
3	0	0	0	0	0	33	0	0	0	0	0
4	0	0	0	0	0	34	0	0	0	0	0
5	0	0	0	0	0	35	0	0	0	0	0
6	0	0	0	0	0	36	0	0	0	0	0
7	0	0	0	0	0	37	0	0	0	0	0
8	0	0	0	0	0	38	0	0	0	0	0
9	0	0	0	0	0	39	0	0	0	0	0
10	0	0	0	0	0	40	0	0	0	0	0
11	0	0	0	0	0	41	0	0	0	0	0
12	0	0	0	0	0	42	0	0	0	0	0
13	0	0	0	0	0	43	0	0	0	0	0
14	0	0	0	0	0	44	0	0	0	0	0
15	0	0	0	0	0	45	0	0	0	0	0
16	0	0	0	0	0	46	0	0	0	0	0
17	0	0	0	0	0	47	0	0	0	0	0
18	0	0	0	0	0	48	0	0	0	0	0
19	0	0	0	0	0	49	0	0	0	0	0
20	0	0	0	0	0	50	0	0	0	0	0
21	0	0	0	0	0	51	0	0	0	0	0
22	0	0	0	0	0	52	0	0	0	0	0
23	0	0	0	0	0	53	0	0	0	0	0
24	0	0	0	0	0	54	0	0	0	0	0
25	0	0	0	0	0	55	0	0	0	0	0
26	0	0	0	0	0	56	0	0	0	0	0
27	0	0	0	0	0	57	0	0	0	0	0
28	0	0	0	0	0	58	0	0	0	0	0
29	0	0	0	0	0	59	0	0	0	0	0
30	0	0	0	0	0	60	0	0	0	0	0

AVERAGE OPACITY FOR HIGHEST PERIOD: **0**

NUMBER OF READINGS ABOVE HIGHEST PERIOD: **0** % WERE **0**

RANGE OF OPACITY READINGS: MINIMUM **0** MAXIMUM **0**

OBSERVER'S NAME (PRINT): **Neil A. Lofgren**

OBSERVER'S SIGNATURE: *[Signature]* DATE: **3/30/06**

ORGANIZATION: **KOGLER AND ASSOCIATES, INC.**

CERTIFIED BY: **Whitlow** DATE: **1/2006**

VERIFIED BY: DATE:

SOURCE NAME: **Midcoast Aggregates**

ADDRESS: **7000 S.R. 50**

CITY: **Webster** STATE **FL** ZIP

PHONE: **352-569-0422** SOURCE ID NUMBER: **SH-2**

PROCESS EQUIPMENT: **TRANSFER POINT** OPERATING MODE

CONTROL EQUIPMENT: **None** OPERATING MODE

DESCRIBE EMISSION POINT START: **Wet rock transfer from Enclosed Shute STOP Drop to belt to stone crusher**

HEIGHT ABOVE GROUND LEVEL START: **15** STOP **u** HEIGHT RELATIVE TO OBSERVER START: **15** STOP **u**

DISTANCE FROM OBSERVER START: **120** STOP **v** DIRECTION FROM OBSERVER START: **305** STOP **u**

DESCRIBE EMISSIONS START: **None** STOP **u**

EMISSION COLOR START: **None** STOP PLUME TYPE: CONTINUOUS  FUGITIVE  INTERMITTENT

WATER DROPLETS PRESENT. NO  YES  IF WATER DROPLET PLUME: ATTACHED  DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START: **AREA Surrounding TRANSFER POINTS**

DESCRIBE BACKGROUND START: **SKY** STOP **u**

BACKGROUND COLOR START: **Bl/Wht** STOP **u** SKY CONDITIONS START: **Scat** STOP **u**

WIND SPEED START: **5-10** STOP **u** WIND DIRECTION START: **E** STOP **u**

AMBIENT TEMP: START: **82** STOP **u** WET BULB TEMP: **70** RH.percent: **55%**

WET SCREEN (2) Draw North Arrow

SLURRY CHUTE 3 Emission Point BELT 4 CRUSHER

Sun Wind → Plume and Stack 140° Observers Positions Sun Location Line

COMMENTS: **No OBSERVABLE Emissions**

**Wet Rock Transfer (RECYCLE)**

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TITLE DATE

OBSERVATION D.	START TIME				STOP TIME			
	MIN	SEC	MIN	SEC	MIN	SEC	MIN	SEC
<b>3/30/06</b>								
	0	15	30	45	0	15	30	45
1	0	0	0	0	31	0	0	0
2	0	0	0	0	32	0	0	0
3	0	0	0	0	33	0	0	0
4	0	0	0	0	34	0	0	0
5	0	0	0	0	35	0	0	0
6	0	0	0	0	36	0	0	0
7	0	0	0	0	37	0	0	0
8	0	0	0	0	38	0	0	0
9	0	0	0	0	39	0	0	0
10	0	0	0	0	40	0	0	0
11	0	0	0	0	41	0	0	0
12	0	0	0	0	42	0	0	0
13	0	0	0	0	43	0	0	0
14	0	0	0	0	44	0	0	0
15	0	0	0	0	45	0	0	0
16	0	0	0	0	46	0	0	0
17	0	0	0	0	47	0	0	0
18	0	0	0	0	48	0	0	0
19	0	0	0	0	49	0	0	0
20	0	0	0	0	50	0	0	0
21	0	0	0	0	51	0	0	0
22	0	0	0	0	52	0	0	0
23	0	0	0	0	53	0	0	0
24	0	0	0	0	54	0	0	0
25	0	0	0	0	55	0	0	0
26	0	0	0	0	56	0	0	0
27	0	0	0	0	57	0	0	0
28	0	0	0	0	58	0	0	0
29	0	0	0	0	59	0	0	0
30	0	0	0	0	60	0	0	0

AVERAGE OPACITY FOR HIGHEST PERIOD: **0** NUMBER OF READINGS ABOVE % WERE: **0**

RANGE OF OPACITY READINGS: MINIMUM **0** MAXIMUM **0**

OBSERVER'S NAME (PRINT) **Neil A. Lofgren**

OBSERVER'S SIGNATURE: *[Signature]* DATE: **3/30/06**

ORGANIZATION **KOGLER AND ASSOCIATES, INC.**

CERTIFIED BY: **Whitlow** DATE: **1/2006**

VERIFIED BY: DATE:

SOURCE NAME: **Midcoast Agg. gate**

ADDRESS: **7000 S.R. 50**

CITY: **Webster** STATE **FL** ZIP

PHONE: **352-569-0422** SOURCE ID NUMBER: **CB-3**

PROCESS EQUIPMENT **(CB-3) SMALL CRUSHER** OPERATING MODE

CONTROL EQUIPMENT **NONE** OPERATING MODE **Normal**

DESCRIBE EMISSION POINT **TRANSFER Pk TO CRUSHER**  
 START **under belt** STOP

HEIGHT ABOVE GROUND LEVEL START **3-15** STOP **3-15** HEIGHT RELATIVE TO OBSERVER START **3-15** STOP **3-15**

DISTANCE FROM OBSERVER START **80'** STOP **370'** DIRECTION FROM OBSERVER START **370°** STOP **370°**

DESCRIBE EMISSIONS START **None** STOP **None**

EMISSION COLOR START **None** STOP PLUME TYPE: CONTINUOUS  FUGITIVE  INTERMITTENT

WATER DROPLETS PRESENT: NO  YES  IF WATER DROPLET PLUME: ATTACHED  DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED **DROPTO**  
 START **CRUSHER THEN** STOP **under belt**

DESCRIBE BACKGROUND START **sky + ground** STOP **None**

BACKGROUND COLOR START **blwh + tan** STOP SKY CONDITIONS START **Scat** STOP

WIND SPEED START **5-10** STOP **None** WIND DIRECTION START **E** STOP **None**

AMBIENT TEMP: START **82** STOP WET BULB TEMP **70** RH.percent **55%**

COMMENTS: **No observable Emissions**  
**Wet Rock recycle to crusher (SM)**

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE

TITLE DATE

CONTINUED ON VEO FORM NUMBER

OBSERVATION DA		START TIME		STOP TIME					
3/30/06		9:08		11:15					
SEC MIN	0	15	30	45	SEC MIN	0	15	30	45
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	0	40	0	0	0	0
11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0
13	0	0	0	0	43	0	0	0	0
14	0	0	0	0	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
16	0	0	0	0	46	0	0	0	0
17	0	0	0	0	47	0	0	0	0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
20	0	0	0	0	50	0	0	0	0
21	0	0	0	0	51	0	0	0	0
22	0	0	0	0	52	0	0	0	0
23	0	0	0	0	53	0	0	0	0
24	0	0	0	0	54	0	0	0	0
25	0	0	0	0	55	0	0	0	0
26	0	0	0	0	56	0	0	0	0
27	0	0	0	0	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
29	0	0	0	0	59	0	0	0	0
30	0	0	0	0	60	0	0	0	0

AVERAGE OPACITY FOR HIGHEST PERIOD **0** NUMBER OF READINGS ABOVE % WERE **0**

RANGE OF OPACITY READINGS MINIMUM **0** MAXIMUM **0**

OBSERVER'S NAME (PRINT) **Neil A. Lofgren**

OBSERVER'S SIGNATURE *Neil A. Lofgren* DATE **3/30/06**

ORGANIZATION **KOGLER AND ASSOCIATES, INC.**

CERTIFIED BY: **Whitlow** DATE: **1/2006**

VERIFIED BY DATE

SOURCE NAME: **Midcoast Aggregate**

ADDRESS: **7000 S.R. 50**

CITY: **Webster** STATE **FL** ZIP

PHONE: **352-569-0422** SOURCE ID NUMBER: **RC-1**

PROCESS EQUIPMENT **BELT TRANSFER Pt / Hopper** OPERATING MODE

CONTROL EQUIPMENT **None** OPERATING MODE **Normal**

DESCRIBE EMISSION POINT **TRANSFER Pt from Sm. Crusher**  
 START **UNDER BELT TO STOP TRANSFER BELT**

HEIGHT ABOVE GROUND LEVEL START **5'** STOP **~** HEIGHT RELATIVE TO OBSERVER START **5'** STOP **~**

DISTANCE FROM OBSERVER START **80'** STOP **~** DIRECTION FROM OBSERVER START **330°** STOP **~**

DESCRIBE EMISSIONS START **None** STOP **~**

EMISSION COLOR START **None** STOP PLUME TYPE. CONTINUOUS  FUGITIVE  INTERMITTENT

WATER DROPLETS PRESENT: NO  YES  IF WATER DROPLET PLUME: ATTACHED  DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START **BELT TO BELT DROP AREA**

DESCRIBE BACKGROUND START **Sky** STOP

BACKGROUND COLOR START **B/W** STOP **~** SKY CONDITIONS START **Scat** STOP **~**

WIND SPEED START **5-10** STOP **~** WIND DIRECTION START **E** STOP **~**

AMBIENT TEMP: START **82°** STOP **~** WET BULB TEMP **70°** RH percent **55%**

COMMENTS  
**NO Observable Emissions**  
**Wet Rock Transfer Point on Recycle Line**

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TITLE DATE

CONTINUED ON VEO FORM NUMBER

OBSERVATION DA		START TIME				STOP TIME			
3/30/06		10:15				11:15			
SECC MIN	0	15	30	45	SECC MIN	0	15	30	45
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	0	40	0	0	0	0
11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0
13	0	0	0	0	43	0	0	0	0
14	0	0	0	0	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
16	0	0	0	0	46	0	0	0	0
17	0	0	0	0	47	0	0	0	0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
20	0	0	0	0	50	0	0	0	0
21	0	0	0	0	51	0	0	0	0
22	0	0	0	0	52	0	0	0	0
23	0	0	0	0	53	0	0	0	0
24	0	0	0	0	54	0	0	0	0
25	0	0	0	0	55	0	0	0	0
26	0	0	0	0	56	0	0	0	0
27	0	0	0	0	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
29	0	0	0	0	59	0	0	0	0
30	0	0	0	0	60	0	0	0	0

AVERAGE OPACITY FOR HIGHEST PERIOD **0** NUMBER OF READINGS ABOVE % WERE **0**

RANGE OF OPACITY READINGS MINIMUM **0** MAXIMUM **0**

OBSERVER'S NAME (PRINT) **Neil A. Lofgren**

OBSERVER'S SIGNATURE DATE **3/30/06**

ORGANIZATION **KOUGLER AND ASSOCIATES, INC.**

CERTIFIED BY: **Whitlow** DATE: **1/2006**

VERIFIED BY DATE

6

CONTINUED ON VEO FORM NUMBER

SOURCE NAME: **Midcoast Aggregate**

ADDRESS: **7000 S.R. 50**

CITY: **Webster** STATE **FL** ZIP

PHONE: **352-569-0422** SOURCE ID NUMBER: **4CB-5**

PROCESS EQUIPMENT **Belt Transfer Plant #4** OPERATING MODE

CONTROL EQUIPMENT **None** OPERATING MODE **Normal**

DESCRIBE EMISSION POINT **Drop from Recycle Line**  
START **Back to main belt**

HEIGHT ABOVE GROUND LEVEL START **10'** STOP **u**  
HEIGHT RELATIVE TO OBSERVER START **10'** STOP **u**

DISTANCE FROM OBSERVER START **90** STOP **u**  
DIRECTION FROM OBSERVER START **345°** STOP **u**

DESCRIBE EMISSIONS START **None** STOP **u**

EMISSION COLOR START **None** STOP  
PLUME TYPE: CONTINUOUS   
FUGITIVE  INTERMITTENT

WATER DROPLETS PRESENT: NO  YES   
IF WATER DROPLET PLUME: ATTACHED  DETACHED

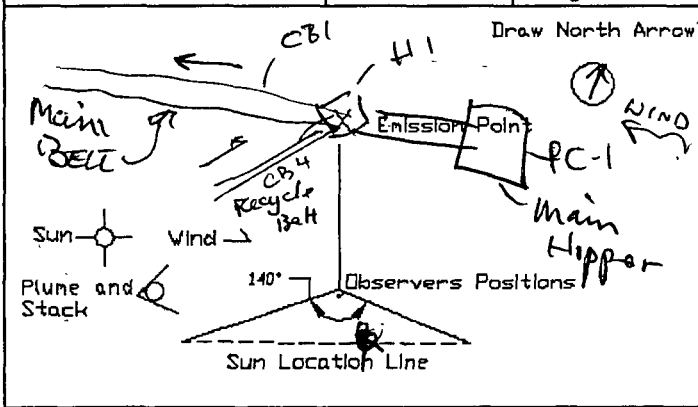
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED  
START **Transfer from** STOP **Recycle to main belt**

DESCRIBE BACKGROUND START **Trees** STOP **u**

BACKGROUND COLOR START **Green** STOP **u**  
SKY CONDITIONS START **Clear** STOP **u**

WIND SPEED START **5-10** STOP **u**  
WIND DIRECTION START **E** STOP **u**

AMBIENT TEMP: START **82°** STOP **u**  
WET BULB TEMP **70°** RH.percent **55%**



OBSERVATION DATE **3/30/06** START TIME **10:15** STOP TIME **11:15**

MIN	SEC				MIN	SEC			
	0	15	30	45		0	15	30	45
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	0	40	0	0	0	0
11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0
13	0	0	0	0	43	0	0	0	0
14	0	0	0	0	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
16	0	0	0	0	46	0	0	0	0
17	0	0	0	0	47	0	0	0	0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
20	0	0	0	0	50	0	0	0	0
21	0	0	0	0	51	0	0	0	0
22	0	0	0	0	52	0	0	0	0
23	0	0	0	0	53	0	0	0	0
24	0	0	0	0	54	0	0	0	0
25	0	0	0	0	55	0	0	0	0
26	0	0	0	0	56	0	0	0	0
27	0	0	0	0	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
29	0	0	0	0	59	0	0	0	0
30	0	0	0	0	60	0	0	0	0

AVERAGE OPACITY FOR HIGHEST PERIOD **0** NUMBER OF READINGS ABOVE **0** % WERE **0**  
RANGE OF OPACITY READINGS MINIMUM **0** MAXIMUM **0**

OBSERVER'S NAME (PRINT) **Neil A. Lofgren**

COMMENTS **No observable emissions**

OBSERVER'S SIGNATURE **[Signature]** DATE **3/30/06**

**W of Rock recycle transfer to main belt**

ORGANIZATION **KOOGLER AND ASSOCIATES, INC.**

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE

CERTIFIED BY: **Whitlow** DATE: **1/2006**

TITLE DATE

VERIFIED BY DATE

SOURCE NAME: **Midcoast Agg. -gate**

ADDRESS: **7000 S.R. 50**

CITY: **Webster** STATE **FL** ZIP

PHONE: **352-569-0422** SOURCE ID NUMBER.

PROCESS EQUIPMENT **TRANSFER PT #6 BELT** OPERATING MODE **CB-6**

CONTROL EQUIPMENT **TRANSFER POINT NONE** OPERATING MODE **Normal**

DESCRIBE EMISSION POINT **DROP FROM N. CHUTE TO STOP**  
START **Transfer BELT**

HEIGHT ABOVE GROUND LEVEL START **5** STOP HEIGHT RELATIVE TO OBSERVER START **5** STOP

DISTANCE FROM OBSERVER START **100** STOP DIRECTION FROM OBSERVER START **320°** STOP

DESCRIBE EMISSIONS **Wet Rock**  
START **None** STOP

EMISSION COLOR START **None** STOP PLUME TYPE: CONTINUOUS  FUGITIVE  INTERMITTENT

WATER DROPLETS PRESENT. NO  YES  IF WATER DROPLET PLUME: ATTACHED  DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START **Drop Pt Area** STOP

DESCRIBE BACKGROUND START **SKY** STOP

BACKGROUND COLOR START **B/W** STOP SKY CONDITIONS START **Clear** STOP

WIND SPEED START **5-10** STOP WIND DIRECTION START **E** STOP

AMBIENT TEMP: START **80** STOP WET BULB TEMP **67** RH.percent **56%**

COMMENTS  
**No Observable Emission  
Wet Rock**

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE

TITLE DATE

OBSERVATION DATE		START TIME				STOP TIME					
3/30/06		12:44				12:44					
MIN	SEC	0	15	30	45	MIN	SEC	0	15	30	45
1	0	0	0	0	0	31	0	0	0	0	0
2	0	0	0	0	0	32	0	0	0	0	0
3	0	0	0	0	0	33	0	0	0	0	0
4	0	0	0	0	0	34	0	0	0	0	0
5	0	0	0	0	0	35	0	0	0	0	0
6	0	0	0	0	0	36	0	0	0	0	0
7	0	0	0	0	0	37	0	0	0	0	0
8	0	0	0	0	0	38	0	0	0	0	0
9	0	0	0	0	0	39	0	0	0	0	0
10	0	0	0	0	0	40	0	0	0	0	0
11	0	0	0	0	0	41	0	0	0	0	0
12	0	0	0	0	0	42	0	0	0	0	0
13	0	0	0	0	0	43	0	0	0	0	0
14	0	0	0	0	0	44	0	0	0	0	0
15	0	0	0	0	0	45	0	0	0	0	0
16	0	0	0	0	0	46	0	0	0	0	0
17	0	0	0	0	0	47	0	0	0	0	0
18	0	0	0	0	0	48	0	0	0	0	0
19	0	0	0	0	0	49	0	0	0	0	0
20	0	0	0	0	0	50	0	0	0	0	0
21	0	0	0	0	0	51	0	0	0	0	0
22	0	0	0	0	0	52	0	0	0	0	0
23	0	0	0	0	0	53	0	0	0	0	0
24	0	0	0	0	0	54	0	0	0	0	0
25	0	0	0	0	0	55	0	0	0	0	0
26	0	0	0	0	0	56	0	0	0	0	0
27	0	0	0	0	0	57	0	0	0	0	0
28	0	0	0	0	0	58	0	0	0	0	0
29	0	0	0	0	0	59	0	0	0	0	0
30	0	0	0	0	0	60	0	0	0	0	0

AVERAGE OPACITY FOR HIGHEST PERIOD **0** NUMBER OF READINGS ABOVE **0** % WERE **0**

RANGE OF OPACITY READINGS MINIMUM **0** MAXIMUM **0**

OBSERVER'S NAME (PRINT) **Neil A. Lofgren**

OBSERVER'S SIGNATURE *Neil A. Lofgren* DATE **3/30/06**

ORGANIZATION **KOOGLER AND ASSOCIATES, INC.**

CERTIFIED BY: **Whitlow** DATE: **1/2006**

VERIFIED BY DATE

SOURCE NAME: **Midcoast Agg. gate**

ADDRESS: **7000 S.R. 50**

CITY: **Webster** STATE: **FL** ZIP: \_\_\_\_\_

PHONE: **352-569-0422** SOURCE ID NUMBER: **CB-7**

PROCESS EQUIPMENT: **Transfer Pt # 8 BELT** OPERATING MODE: \_\_\_\_\_

CONTROL EQUIPMENT: **NONE** OPERATING MODE: **Normal**

DESCRIBE EMISSION POINT START: **7-8 BELT - STOP** NORTH OF TP. # 7 BELT DISTRIBUTE BELT N.

HEIGHT ABOVE GROUND LEVEL START: **5'** STOP: \_\_\_\_\_ HEIGHT RELATIVE TO OBSERVER START: **5'** STOP: \_\_\_\_\_

DISTANCE FROM OBSERVER START: **110'** STOP: \_\_\_\_\_ DIRECTION FROM OBSERVER START: **25°** STOP: **325°**

DESCRIBE EMISSIONS START: **None** STOP: **Wet Rock**

EMISSION COLOR START: **None** STOP: \_\_\_\_\_ PLUME TYPE: CONTINUOUS  FUGITIVE  INTERMITTENT

WATER DROPLETS PRESENT: NO  YES  IF WATER DROPLET PLUME: ATTACHED  DETACHED

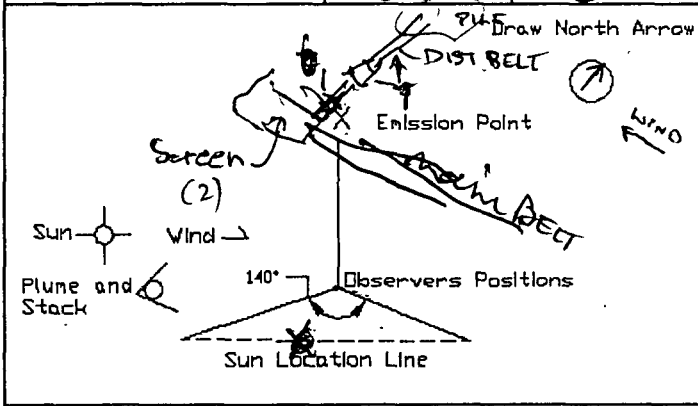
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START: **Drop Area** STOP: \_\_\_\_\_

DESCRIBE BACKGROUND START: **SKY** STOP: \_\_\_\_\_

BACKGROUND COLOR START: **B/W** STOP: \_\_\_\_\_ SKY CONDITIONS START: **Scat** STOP: \_\_\_\_\_

WIND SPEED START: **5-10** STOP: \_\_\_\_\_ WIND DIRECTION START: **E** STOP: \_\_\_\_\_

AMBIENT TEMP: START: **80°** STOP: \_\_\_\_\_ WET BULB TEMP: **69** RH. percent: **56%**



OBSERVATION NO.	START TIME				STOP TIME			
	0	15	30	45	0	15	30	45
1	0	0	0	0	31	0	0	0
2	0	0	0	0	32	0	0	0
3	0	0	0	0	33	0	0	0
4	0	0	0	0	34	0	0	0
5	0	0	0	0	35	0	0	0
6	0	0	0	0	36	0	0	0
7	0	0	0	0	37	0	0	0
8	0	0	0	0	38	0	0	0
9	0	0	0	0	39	0	0	0
10	0	0	0	0	40	0	0	0
11	0	0	0	0	41	0	0	0
12	0	0	0	0	42	0	0	0
13	0	0	0	0	43	0	0	0
14	0	0	0	0	44	0	0	0
15	0	0	0	0	45	0	0	0
16	0	0	0	0	46	0	0	0
17	0	0	0	0	47	0	0	0
18	0	0	0	0	48	0	0	0
19	0	0	0	0	49	0	0	0
20	0	0	0	0	50	0	0	0
21	0	0	0	0	51	0	0	0
22	0	0	0	0	52	0	0	0
23	0	0	0	0	53	0	0	0
24	0	0	0	0	54	0	0	0
25	0	0	0	0	55	0	0	0
26	0	0	0	0	56	0	0	0
27	0	0	0	0	57	0	0	0
28	0	0	0	0	58	0	0	0
29	0	0	0	0	59	0	0	0
30	0	0	0	0	60	0	0	0

AVERAGE OPACITY FOR HIGHEST PERIOD: \_\_\_\_\_ NUMBER OF READINGS ABOVE \_\_\_\_\_ % WERE \_\_\_\_\_

RANGE OF OPACITY READINGS: MINIMUM \_\_\_\_\_ MAXIMUM \_\_\_\_\_

OBSERVER'S NAME (PRINT) **Neil A. Lofgren**

OBSERVER'S SIGNATURE: \_\_\_\_\_ DATE: **3/30/06**

ORGANIZATION **KOGLER AND ASSOCIATES, INC.**

COMMENTS: **No observable Emissions**  
**Wet Rock**

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE: \_\_\_\_\_

CERTIFIED BY: **Whitlow** DATE: **1/2006**

TITLE: \_\_\_\_\_ DATE: \_\_\_\_\_

VERIFIED BY: \_\_\_\_\_ DATE: \_\_\_\_\_



SOURCE NAME: **Midcoast Aggregate**

ADDRESS: **7000 S.R. 50**

CITY: **Webster** STATE **FL** ZIP

PHONE: **352-569-0422** SOURCE ID NUMBER: **C B-8**

PROCESS EQUIPMENT: **Transfer Point #8** OPERATING MODE

CONTROL EQUIPMENT: **None** OPERATING MODE: **Normal**

DESCRIBE EMISSION POINT START: **DROP FROM S. CHUTE TO South BELT STOP**

HEIGHT ABOVE GROUND LEVEL START: **5** STOP HEIGHT RELATIVE TO OBSERVER START: **5** STOP

DISTANCE FROM OBSERVER START: **100** STOP DIRECTION FROM OBSERVER START: **380°** STOP

DESCRIBE EMISSIONS START: **None** STOP: **WET ROCK**

EMISSION COLOR START: **None** STOP PLUME TYPE: CONTINUOUS  FUGITIVE  INTERMITTENT

WATER DROPLETS PRESENT: NO  YES  IF WATER DROPLET PLUME ATTACHED  DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START: **Drop From Chute to BELT AREA STOP**

DESCRIBE BACKGROUND START: **Sky** STOP

BACKGROUND COLOR START: **b/wk** STOP SKY CONDITIONS START: **Scat** STOP

WIND SPEED START: **5-10** STOP WIND DIRECTION START: **E** STOP

AMBIENT TEMP: START: **80** STOP WET BULB TEMP: **69** RH percent: **56%**

Draw North Arrow

COMMENTS: **No Observable Emissions**  
**Wet Rock**

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE

TITLE DATE

CONTINUED ON VEO FORM NUMBER

OBSERVATION DATE		START TIME				STOP TIME					
3/30/06		12:44				12:44					
MIN	SEC	0	15	30	45	MIN	SEC	0	15	30	45
1	0	0	0	0	0	31	0	0	0	0	0
2	0	0	0	0	0	32	0	0	0	0	0
3	0	0	0	0	0	33	0	0	0	0	0
4	0	0	0	0	0	34	0	0	0	0	0
5	0	0	0	0	0	35	0	0	0	0	0
6	0	0	0	0	0	36	0	0	0	0	0
7	0	0	0	0	0	37	0	0	0	0	0
8	0	0	0	0	0	38	0	0	0	0	0
9	0	0	0	0	0	39	0	0	0	0	0
10	0	0	0	0	0	40	0	0	0	0	0
11	0	0	0	0	0	41	0	0	0	0	0
12	0	0	0	0	0	42	0	0	0	0	0
13	0	0	0	0	0	43	0	0	0	0	0
14	0	0	0	0	0	44	0	0	0	0	0
15	0	0	0	0	0	45	0	0	0	0	0
16	0	0	0	0	0	46	0	0	0	0	0
17	0	0	0	0	0	47	0	0	0	0	0
18	0	0	0	0	0	48	0	0	0	0	0
19	0	0	0	0	0	49	0	0	0	0	0
20	0	0	0	0	0	50	0	0	0	0	0
21	0	0	0	0	0	51	0	0	0	0	0
22	0	0	0	0	0	52	0	0	0	0	0
23	0	0	0	0	0	53	0	0	0	0	0
24	0	0	0	0	0	54	0	0	0	0	0
25	0	0	0	0	0	55	0	0	0	0	0
26	0	0	0	0	0	56	0	0	0	0	0
27	0	0	0	0	0	57	0	0	0	0	0
28	0	0	0	0	0	58	0	0	0	0	0
29	0	0	0	0	0	59	0	0	0	0	0
30	0	0	0	0	0	60	0	0	0	0	0

AVERAGE OPACITY FOR HIGHEST PERIOD: **0** NUMBER OF READINGS ABOVE % WERE: **0**

RANGE OF OPACITY READINGS: MINIMUM **0** MAXIMUM **0**

OBSERVER'S NAME (PRINT): **Neil A. Lofgren**

OBSERVER'S SIGNATURE: *[Signature]* DATE: **3/30/06**

ORGANIZATION: **KOGLER AND ASSOCIATES, INC.**

CERTIFIED BY: **Whitlow** DATE: **1/2006**

VERIFIED BY: DATE:

SOURCE NAME: **Midcoast Agg. Gate**

ADDRESS: **7000 S.R. 50**

CITY: **Webster** STATE **FL** ZIP

PHONE: **352-569-0422** SOURCE ID NUMBER: **C3.9**

PROCESS EQUIPMENT **Belt 9 Transfer Point #10** OPERATING MODE

CONTROL EQUIPMENT **None** OPERATING MODE **Normal**

DESCRIBE EMISSION POINT **WET ROCK DROP PT. START From (9 to 10) STOP BELT TO DIST BELT**

HEIGHT ABOVE GROUND LEVEL START **50** STOP **1** HEIGHT RELATIVE TO OBSERVER START **5'** STOP **~**

DISTANCE FROM OBSERVER START **80** STOP **~** DIRECTION FROM OBSERVER START **310°** STOP **~**

DESCRIBE EMISSIONS **WET ROCK** START **None** STOP

EMISSION COLOR START **None** STOP PLUME TYPE CONTINUOUS  FUGITIVE  INTERMITTENT

WATER DROPLETS PRESENT: NO  YES  IF WATER DROPLET PLUME: ATTACHED  DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START **Drop BELT TO STOP**

DESCRIBE BACKGROUND START **Dirt Pile** STOP

BACKGROUND COLOR START **Tan/white** STOP SKY CONDITIONS START **Scat** STOP **~**

WIND SPEED START **5-10** STOP **~** WIND DIRECTION START **E** STOP **~**

AMBIENT TEMP START **80** STOP **~** WET BULB TEMP **69** RH.percent **56%**

OBSERVATION NO	START TIME				STOP TIME			
	0	15	30	45	0	15	30	45
1	0	0	0	0	31	0	0	0
2	0	0	0	0	32	0	0	0
3	0	0	0	0	33	0	0	0
4	0	0	0	0	34	0	0	0
5	0	0	0	0	35	0	0	0
6	0	0	0	0	36	0	0	0
7	0	0	0	0	37	0	0	0
8	0	0	0	0	38	0	0	0
9	0	0	0	0	39	0	0	0
10	0	0	0	0	40	0	0	0
11	0	0	0	0	41	0	0	0
12	0	0	0	0	42	0	0	0
13	0	0	0	0	43	0	0	0
14	0	0	0	0	44	0	0	0
15	0	0	0	0	45	0	0	0
16	0	0	0	0	46	0	0	0
17	0	0	0	0	47	0	0	0
18	0	0	0	0	48	0	0	0
19	0	0	0	0	49	0	0	0
20	0	0	0	0	50	0	0	0
21	0	0	0	0	51	0	0	0
22	0	0	0	0	52	0	0	0
23	0	0	0	0	53	0	0	0
24	0	0	0	0	54	0	0	0
25	0	0	0	0	55	0	0	0
26	0	0	0	0	56	0	0	0
27	0	0	0	0	57	0	0	0
28	0	0	0	0	58	0	0	0
29	0	0	0	0	59	0	0	0
30	0	0	0	0	60	0	0	0

AVERAGE OPACITY FOR HIGHEST PERIOD **0** NUMBER OF READINGS ABOVE % WERE **0**

RANGE OF OPACITY READINGS MINIMUM **0** MAXIMUM **0**

OBSERVER'S NAME (PRINT) **Neil A. Lofgren**

OBSERVER'S SIGNATURE *[Signature]* DATE **3/30/06**

ORGANIZATION **KOGLER AND ASSOCIATES, INC.**

COMMENTS **No Observable Emissions Wet Rock**

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE

CERTIFIED BY **Whitlow** DATE **1/2006**

TITLE DATE

VERIFIED BY DATE

SOURCE NAME: **Midcoast Agg. gate**

ADDRESS: **7000 S.R. 50**

CITY: **Webster** STATE **FL** ZIP

PHONE: **352-569-0422** SOURCE ID NUMBER: **CB-10**

PROCESS EQUIPMENT **Transfer Point #10 Belt** OPERATING MODE

CONTROL EQUIPMENT **None** OPERATING MODE **Normal**

DESCRIBE EMISSION POINT **N SIDE DROP from Wet**  
START **Screw Conveyor STOP BELT**

HEIGHT ABOVE GROUND LEVEL START **5'** STOP **n** HEIGHT RELATIVE TO OBSERVER START **5'** STOP **w**

DISTANCE FROM OBSERVER START **65** STOP **w** DIRECTION FROM OBSERVER START **50** STOP **w**

DESCRIBE EMISSIONS START **None** STOP **Wet Rock**

EMISSION COLOR START **None** STOP PLUME TYPE: CONTINUOUS  FUGITIVE  INTERMITTENT

WATER DROPLETS PRESENT: NO  YES  IF WATER DROPLET PLUME: ATTACHED  DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED **Chute**  
START **Drop to Transfer Belt** STOP

DESCRIBE BACKGROUND START **Trees** STOP **w**

BACKGROUND COLOR START **Green** STOP SKY CONDITIONS START **Broken** STOP

WIND SPEED START **5-10** STOP **w** WIND DIRECTION START **S** STOP **w**

AMBIENT TEMP: START **84°** STOP **w** WET BULB TEMP **72°** RH percent. **55%**

Draw North Arrow

Sun - Wind →

Plume and Stack

140°

Observers Positions

Pile Sun Location Line

Labels: BELT, HIGH CHUTE, Wet Screw Conveyor, Sun Point, 5' CHUTE, WIND

COMMENTS: **No Observable Emissions**  
**Wet Rock DIRT (DIPPING)**

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE

TITLE DATE

CONTINUED ON VEO FORM NUMBER

OBSERVATION DATE					START TIME					STOP TIME				
3/30/06					12:58					13:58				
MIN	0	15	30	45	MIN	0	15	30	45	MIN	0	15	30	45
1	0	0	0	0	31	0	0	0	0					
2	0	0	0	0	32	0	0	0	0					
3	0	0	0	0	33	0	0	0	0					
4	0	0	0	0	34	0	0	0	0					
5	0	0	0	0	35	0	0	0	0					
6	0	0	0	0	36	0	0	0	0					
7	0	0	0	0	37	0	0	0	0					
8	0	0	0	0	38	0	0	0	0					
9	0	0	0	0	39	0	0	0	0					
10	0	0	0	0	40	0	0	0	0					
11	0	0	0	0	41	0	0	0	0					
12	0	0	0	0	42	0	0	0	0					
13	0	0	0	0	43	0	0	0	0					
14	0	0	0	0	44	0	0	0	0					
15	0	0	0	0	45	0	0	0	0					
16	0	0	0	0	46	0	0	0	0					
17	0	0	0	0	47	0	0	0	0					
18	0	0	0	0	48	0	0	0	0					
19	0	0	0	0	49	0	0	0	0					
20	0	0	0	0	50	0	0	0	0					
21	0	0	0	0	51	0	0	0	0					
22	0	0	0	0	52	0	0	0	0					
23	0	0	0	0	53	0	0	0	0					
24	0	0	0	0	54	0	0	0	0					
25	0	0	0	0	55	0	0	0	0					
26	0	0	0	0	56	0	0	0	0					
27	0	0	0	0	57	0	0	0	0					
28	0	0	0	0	58	0	0	0	0					
29	0	0	0	0	59	0	0	0	0					
30	0	0	0	0	60	0	0	0	0					

AVERAGE OPACITY FOR HIGHEST PERIOD **0** NUMBER OF READINGS ABOVE % WERE **0**

RANGE OF OPACITY READINGS / MINIMUM **0** MAXIMUM **0**

OBSERVER'S NAME (PRINT) **Neil A. Lofgren**

OBSERVER'S SIGNATURE DATE **3/30/06**

ORGANIZATION **KOGLER AND ASSOCIATES, INC.**

CERTIFIED BY: **Whitlow** DATE: **1/2006**

VERIFIED BY DATE

SOURCE NAME: **Midcoast Agg. -gate**

ADDRESS: **7000 S.R. 50**

CITY: **Webster** STATE **FL** ZIP

PHONE: **352-569-0422** SOURCE ID NUMBER: **CB-11**

PROCESS EQUIPMENT **Transfer Powl#12** OPERATING MODE

CONTROL EQUIPMENT **None** OPERATING MODE **Normal**

DESCRIBE EMISSION POINT **N. Side Transfer from 11 to 12 Dist Belt**

HEIGHT ABOVE GROUND LEVEL START **8'** STOP **~** HEIGHT RELATIVE TO OBSERVER START **8'** STOP **~**

DISTANCE FROM OBSERVER START **75'** STOP **~** DIRECTION FROM OBSERVER START **0** STOP **~**

DESCRIBE EMISSIONS START **None** STOP **~**

EMISSION COLOR START **None** STOP PLUME TYPE CONTINUOUS  FUGITIVE  INTERMITTENT

WATER DROPLETS PRESENT: NO  YES  IF WATER DROPLET PLUME: ATTACHED  DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START **of Drop to Belt** AREA **AREA**

DESCRIBE BACKGROUND START **Dirt** STOP **~**

BACKGROUND COLOR START **LTan** STOP **~** SKY CONDITIONS START **Broken** STOP **~**

WIND SPEED START **5-10** STOP **~** WIND DIRECTION START **S** STOP **~**

AMBIENT TEMP. START **84°** STOP **~** WET BULB TEMP **72°** RH.percent **55%**

COMMENTS **No Observable Emission**  
**Wet Dirt (Dripping)**

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TITLE DATE

OBSERVATION D.	START TIME				STOP TIME				
	MIN	SEC	MIN	SEC	MIN	SEC	MIN	SEC	
<b>3/30/06</b>					<b>12:58</b>				<b>13:58</b>
	MIN	SEC	MIN	SEC	MIN	SEC	MIN	SEC	MIN
	0	15	30	45	0	15	30	45	
1	0	0	0	0	31	0	0	0	
2	0	0	0	0	32	0	0	0	6
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	0	40	0	0	0	0
11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0
13	0	0	0	0	43	0	0	0	0
14	0	0	0	0	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
16	0	0	0	0	46	0	0	0	0
17	0	0	0	0	47	0	0	0	0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
20	0	0	0	0	50	0	0	0	0
21	0	0	0	0	51	0	0	0	0
22	0	0	0	0	52	0	0	0	0
23	0	0	0	0	53	0	0	0	0
24	0	0	0	0	54	0	0	0	0
25	0	0	0	0	55	0	0	0	0
26	0	0	0	0	56	0	0	0	0
27	0	0	0	0	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
29	0	0	0	0	59	0	0	0	0
30	0	0	0	0	60	0	0	0	0

AVERAGE OPACITY FOR HIGHEST PERIOD **0** NUMBER OF READINGS ABOVE % WERE **0**

RANGE OF OPACITY READINGS MINIMUM **0** MAXIMUM **0**

OBSERVER'S NAME (PRINT) **Neil A. Lofgren**

OBSERVER'S SIGNATURE **[Signature]** DATE **3/30/06**

ORGANIZATION **KOOGIER AND ASSOCIATES, INC.**

CERTIFIED BY: **Whitlow** DATE **1/2006**

VERIFIED BY DATE

SOURCE NAME: **Midcoast Agg. - gate**

ADDRESS: **7000 S.R. 50**

CITY: **Webster** STATE **FL** ZIP

PHONE: **352-569-0422** SOURCE ID NUMBER: **CB-12**

PROCESS EQUIPMENT: **Transfer Point #12** OPERATING MODE

CONTROL EQUIPMENT: **None** OPERATING MODE: **Normal**

DESCRIBE EMISSION POINT: **S. SIDE CHUTE FROM SCREW**  
 START: **Conveyor Drop to BELT**

HEIGHT ABOVE GROUND LEVEL: START **5'** STOP **~**  
 HEIGHT RELATIVE TO OBSERVER: START **8'** STOP **~**

DISTANCE FROM OBSERVER: START **60** STOP **~**  
 DIRECTION FROM OBSERVER: START **LOS** STOP **50°**

DESCRIBE EMISSIONS: START **None** STOP **Wet Dirt**

EMISSION COLOR: START **None** STOP **~**  
 PLUME TYPE: CONTINUOUS  FUGITIVE  INTERMITTENT

WATER DROPLETS PRESENT: NO  YES   
 IF WATER DROPLET PLUME: ATTACHED  DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED: START **Drop to belt** STOP **area**

DESCRIBE BACKGROUND: START **Clear** STOP **~**

BACKGROUND COLOR: START **Green** STOP **~**  
 SKY CONDITIONS: START **Broken** STOP **~**

WIND SPEED: START **5-10** STOP **~**  
 WIND DIRECTION: START **S** STOP **~**

AMBIENT TEMP: START **84°** STOP **~**  
 WET BULB TEMP: **72°** RH.percent: **55%**

Diagram labels: WET Draw North Arrow, SCREW CONVEYOR, Emission Point CHUTE(S), BELTS, Observers Positions, Sun, Wind, Plume and Stack, Pole, Sun Location Line.

COMMENTS: **No Observable Emissions**  
**Dripping Wet Dirt**

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 SIGNATURE

TITLE DATE

CONTINUED ON VEO FORM NUMBER

OBSERVATION DA.		START TIME				STOP TIME			
3/30/06		12:58				1:58			
SEC MIN	0	15	30	45	SEC MIN	0	15	30	45
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	0	40	0	0	0	0
11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0
13	0	0	0	0	43	0	0	0	0
14	0	0	0	0	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
16	0	0	0	0	46	0	0	0	0
17	0	0	0	0	47	0	0	0	0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
20	0	0	0	0	50	0	0	0	0
21	0	0	0	0	51	0	0	0	0
22	0	0	0	0	52	0	0	0	0
23	0	0	0	0	53	0	0	0	0
24	0	0	0	0	54	0	0	0	0
25	0	0	0	0	55	0	0	0	0
26	0	0	0	0	56	0	0	0	0
27	0	0	0	0	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
29	0	0	0	0	59	0	0	0	0
30	0	0	0	0	60	0	0	0	0

AVERAGE OPACITY FOR HIGHEST PERIOD: **0** NUMBER OF READINGS ABOVE **0** % WERE **0**

RANGE OF OPACITY READINGS: MINIMUM **0** MAXIMUM **0**

OBSERVER'S NAME (PRINT): **Neil A. Lofgren**

OBSERVER'S SIGNATURE: *[Signature]* DATE: **3/30/06**

ORGANIZATION: **KOGLER AND ASSOCIATES, INC.**

CERTIFIED BY: **Whitlow** DATE: **1/2006**

VERIFIED BY: DATE:

14

SOURCE NAME: **Midcoast Aggregate**

ADDRESS: **7000 S.R. 50**

CITY: **Webster** STATE **FL** ZIP

PHONE: **352-569-0422** SOURCE ID NUMBER: **LB-13**

PROCESS EQUIPMENT: **Transfer Plant** OPERATING MODE: **C**

CONTROL EQUIPMENT: **None** OPERATING MODE: **Normal**

DESCRIBE EMISSION POINT: **S. SIDE BELT FROM #18**  
 START: **BELT TO DISTRIBUTIVE BELT** STOP:

HEIGHT ABOVE GROUND LEVEL: START **8'** STOP  
 HEIGHT RELATIVE TO OBSERVER: START **8'** STOP

DISTANCE FROM OBSERVER: START **145'** STOP  
 DIRECTION FROM OBSERVER: START **355°** STOP

DESCRIBE EMISSIONS: START **None** STOP **None**

EMISSION COLOR: START **None** STOP  
 PLUME TYPE: CONTINUOUS  FUGITIVE  INTERMITTENT

WATER DROPLETS PRESENT: NO  YES   
 IF WATER DROPLET PLUME ATTACHED  DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED: START **Drop Point above from Belt to Belt**

DESCRIBE BACKGROUND: START **SKY/DIRT** STOP

BACKGROUND COLOR: START **LT Tan** STOP **Wh/Bk**  
 SKY CONDITIONS: START **Broke** STOP

WIND SPEED: START **5-10** STOP **~**  
 WIND DIRECTION: START **S** STOP **~**

AMBIENT TEMP.: START **84** STOP **~**  
 WET BULB TEMP: **72°** RH. percent: **55%**

Draw North Arrow

Sun, Wind, Plume and Stack, Pile, 140°, Observers Positions, Sun Location Line, Emission Point, BELTS, Wet Screen Conveyor

COMMENTS: **Observable Emissions**  
**Dripping Wet Dirt!**

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TITLE DATE

OBSERVATION DA		START TIME				STOP TIME					
3/30/06		12:58				13:58					
SEC	MIN	0	15	30	45	SEC	MIN	0	15	30	45
1	0	0	0	0	31	0	0	0	0	0	0
2	0	0	0	0	32	0	0	0	0	0	0
3	0	0	0	0	33	0	0	0	0	0	0
4	0	0	0	0	34	0	0	0	0	0	0
5	0	0	0	0	35	0	0	0	0	0	0
6	0	0	0	0	36	0	0	0	0	0	0
7	0	0	0	0	37	0	0	0	0	0	0
8	0	0	0	0	38	0	0	0	0	0	0
9	0	0	0	0	39	0	0	0	0	0	0
10	0	0	0	0	40	0	0	0	0	0	0
11	0	0	0	0	41	0	0	0	0	0	0
12	0	0	0	0	42	0	0	0	0	0	0
13	0	0	0	0	43	0	0	0	0	0	0
14	0	0	0	0	44	0	0	0	0	0	0
15	0	0	0	0	45	0	0	0	0	0	0
16	0	0	0	0	46	0	0	0	0	0	0
17	0	0	0	0	47	0	0	0	0	0	0
18	0	0	0	0	48	0	0	0	0	0	0
19	0	0	0	0	49	0	0	0	0	0	0
20	0	0	0	0	50	0	0	0	0	0	0
21	0	0	0	0	51	0	0	0	0	0	0
22	0	0	0	0	52	0	0	0	0	0	0
23	0	0	0	0	53	0	0	0	0	0	0
24	0	0	0	0	54	0	0	0	0	0	0
25	0	0	0	0	55	0	0	0	0	0	0
26	0	0	0	0	56	0	0	0	0	0	0
27	0	0	0	0	57	0	0	0	0	0	0
28	0	0	0	0	58	0	0	0	0	0	0
29	0	0	0	0	59	0	0	0	0	0	0
30	0	0	0	0	60	0	0	0	0	0	0

AVERAGE OPACITY FOR HIGHEST PERIOD: **0** NUMBER OF READINGS ABOVE % WERE: **0**

RANGE OF OPACITY READINGS: MINIMUM **0** MAXIMUM **0**

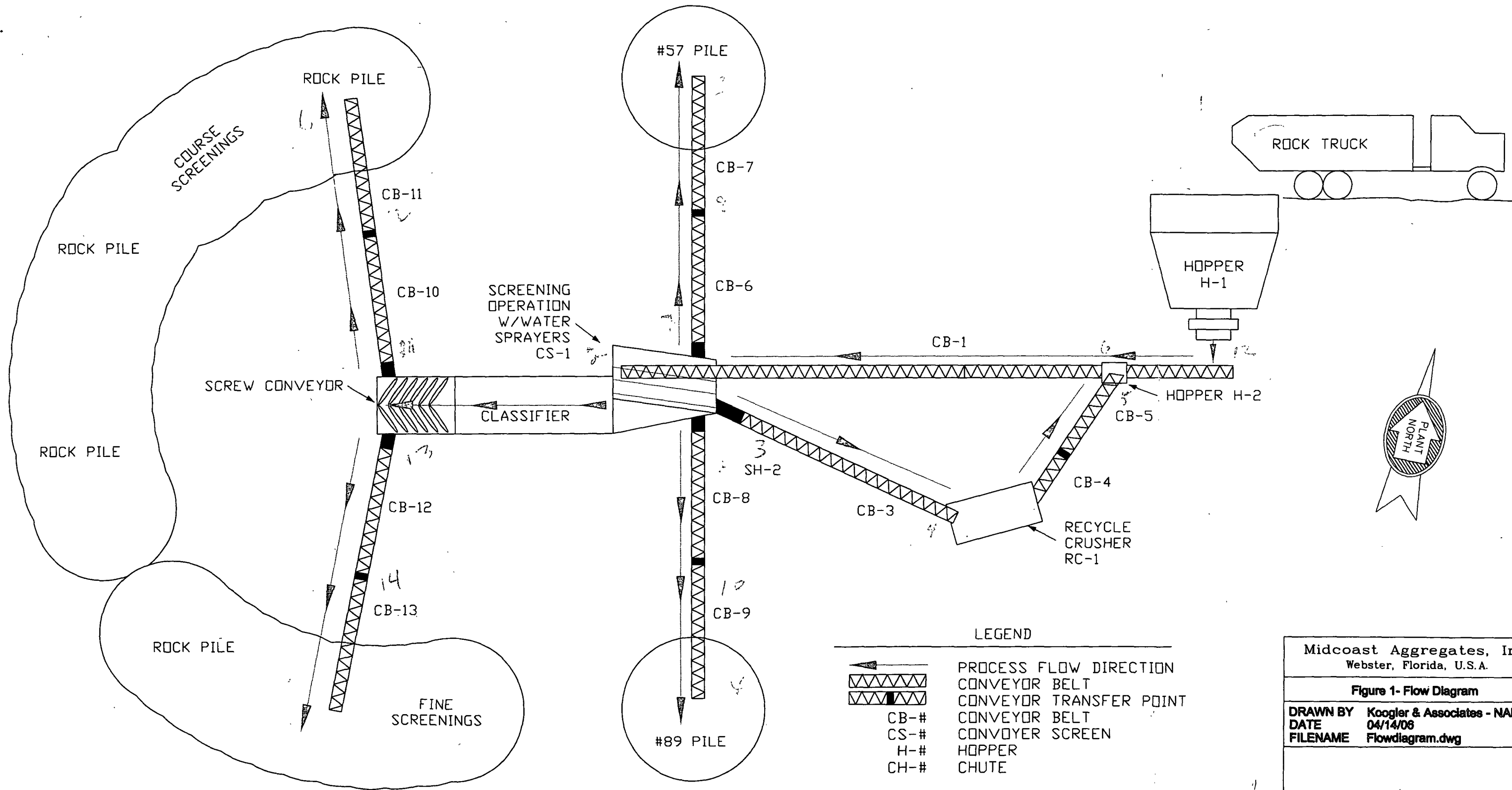
OBSERVER'S NAME (PRINT): **Neil A. Lofgren**

OBSERVER'S SIGNATURE: *[Signature]* DATE: **3/30/06**

ORGANIZATION: **KOGLER AND ASSOCIATES, INC.**

CERTIFIED BY: **Whitlow** DATE: **1/2006**

VERIFIED BY: DATE:



LEGEND

	PROCESS FLOW DIRECTION
	CONVEYOR BELT
	CONVEYOR TRANSFER POINT
CB-#	CONVEYOR BELT
CS-#	CONVEYOR SCREEN
H-#	HOPPER
CH-#	CHUTE

Midcoast Aggregates, Inc.  
Webster, Florida, U.S.A.

Figure 1- Flow Diagram

DRAWN BY Koogler & Associates - NAL  
DATE 04/14/08  
FILENAME Flowdiagram.dwg

KOGLER & ASSOCIATES  
ENVIRONMENTAL SERVICES  
4014 NW 13TH STREET  
GAINESVILLE, FLORIDA 32609  
(352) 377-6822  
FAX (352) 377-7158  
nkogler@kooglerassociates.com

**MID-COAST AGGREGATES, LLC**  
LOCAL ACCOUNT  
PH. (352) 569-0422  
7000 S. R. 50  
WEBSTER, FL 33597

**CENTERSTATE BANK MIDFLORIDA**  
GROVELAND, FL 34736  
63-1536/631

10062

5/16/2006

**PAY TO THE ORDER OF** Florida Dept of Environmental Protection

\$ \*\*100.00

One Hundred and 00/100\*\*\*\*\*  
DOLLARS

Florida Dept of Environmental Protection

**MEMO**  
Permit

  
MP

AUTHORIZED SIGNATURE

⑈010062⑈ ⑆063115369⑆ 532000353⑈

Details on Back  
Security Features Included

2  
5/16/2006