

#### LINDAHL, BROWNING, FERRAR! & HELLSTROM, INC.

CONSULTING ENGINEERS, SURVEYORS & MAPPERS

September 3, 1999

Mr. Ross Pollock Florida Department of Environmental Protection Twin Towers Office Building 2600 Blairstone Road Tallahassee, Florida 32399-2400 RECEIVED

SEP 1 0 1999

BUREAU OF AIR REGULATION

Re: TRS Concrete Recycling - Operating Permit Application

99-0254/PERM

Dear Ross:

Attached is the following:

- 1. Four signed and sealed copies of the operating permit application.
- 2. Copy of the visual emission observations performed on 8/17/99 attached as TRS-6.
- 3. Check from TRS Concrete Recycling for \$1,000.

Please note that attachments TRS-1 through TRS-5 are not enclosed since they are already contained in your file.

Should you have any questions or comments, please contact Seton Katz or myself at (561) 286-3883.

Sincerely,

LINDAHL, BROWNING

FERRARI & HELLSTROW

Scott A. Eckler, P.

Client Service Manager

SAE/SK/da Enclosures

cc: Tommy Hawkins P:\99-0254\TRS Letter.doc

3550 S.W. CORPORATE PARKWAY • PALM CITY, FLORIDA 34990 • (561) 286-3883 • FAX: (561) 286-3925 http://www.lbfh.com • e-mail: info@lbfh.com

PALM CITY WEST PALM BEACH FORT PIERCE OKEECHOBEE

T.R.S. CONCRETE RECYCLING, INC. 7-96. FIRST UNION NATIONAL BANK 1.774.77

909 BARREL AVE 1.74.74.79

PAYTO THE FILDER OF Environmental Protection 5-71,000.00

ORDER OF 000 BARREL AVE 50.00 BARR

Tommy Hawkins & Sons, operating permit

FI. Dept. Of Environmental Protection

RECEIVED

9/7/1999

SEP 1 0 1999

BUREAU OF AIR REGULATION

1,000.00

1,000.00



# Department of Environmental Protection

#### **Division of Air Resources Management**

#### **APPLICATION FOR AIR PERMIT - NON-TITLE V SOURCE**

See Instructions for Form No. 62-210.900(3)

#### I. APPLICATION INFORMATION

#### **Identification of Facility**

	<u> </u>					
1. Facility Owner/Company Name: TRS Concrete Recycling, Inc.						
2. Site Name: Ft. Pierce, FL.						
3. Facility Identification Number: [X] Unknown						
4. Facility Location: Street Address or Other Locator: 8800 Midway Rd						
City: Ft. Pierce County: St. Lucie Zip Code: 34982						
5. Relocatable Facility? 6. Existing Permitted Facility?						
[X] Yes [ ] No [X] Yes [ ] No						
Application Contact						
1. Name and Title of Application Contact: Mr. Tommy Hawkins, President						
2. Application Contact Mailing Address:						
Organization/Firm: TRS Concrete Recycling, Inc.						
Street Address: 909 Barrel Avenue						
City: Ft. Pierce State: FL Zip Code: 34982						
3. Application Contact Telephone Numbers:						
Telephone: (561) 464 - 7587 Fax: (561) 464 - 0594						
Application Processing Information (DEP Use)						
1. Date of Receipt of Application: 4/18/99						
2. Permit Number: 777 5058 -003-AO	-					

DEP Form No. 62-210.900(3) - Form

#### **Purpose of Application**

#### **Air Operation Permit Application**

Th	is	Application for Air Permit is submitted to obtain: (Check one)
[	]	Initial non-Title V air operation permit for one or more existing, but previously unpermitted, emissions units.
[]	( )	Initial non-Title V air operation permit for one or more newly constructed or modified emissions units.
		Current construction permit number: 7775058-002-AC
[	]	Non-Title V air operation permit revision to address one or more newly constructed or modified emissions units.
		Current construction permit number:
		Operation permit number to be revised:
[	]	Initial non-Title V air operation permit under Rule 62-210.300(2)(b), F.A.C., for an existing facility seeking classification as a synthetic non-Title V source.
••		Current operation/construction permit number(s):
[	]	Non-Title V air operation permit revision for a synthetic non-Title V source. Give reason for revision; e.g., to address one or more newly constructed or modified emissions units.
		Operation permit number to be revised:
		Reason for revision:
Ai	r (	Construction Permit Application
Th	is	Application for Air Permit is submitted to obtain: (Check one)
[	]	Air construction permit to construct or modify one or more emissions units.
[	]	Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.
[	]	Air construction permit for one or more existing, but unpermitted, emissions units.

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#### Owner/Authorized Representative

1. Name and Title of Owner/Authorized Representative:

Tommy Hawkins, President

2. Owner/Authorized Representative Mailing Address:

Organization/Firm: TRS Concrete Recycling, Inc.

Street Address: 909 Barrel Avenue

City: Ft. Pierce

State: FL

Zip Code: 34982

3. Owner/Authorized Representative Telephone Numbers:

Telephone: (561) 464 - 7587

Fax: (561) 464 - 0594

4. Owner/Authorized Representative Statement:

I, the undersigned, am the owner or authorized representative\* of the facility addressed in this application. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards 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 understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.

Jom & Nach

9-7-99

Signature

**Tommy Hawkins** 

Date

#### **Professional Engineer Certification**

1. Professional Engineer Name: Scott A. Eckler, P.E.

Registration Number: 43275

2. Professional Engineer Mailing Address:

Organization/Firm: Lindahl, Browning, Ferrari, and Hellstrom, Inc.

Street Address: 3550 SW Corporate Pkwy.

City: Palm City

State: FL

Zip Code: 34990

3. Professional Engineer Telephone Numbers:

Telephone: (561) 286 - 3883

Fax: (561) 286 - 3925

<sup>\*</sup> Attach letter of authorization if not currently on file.

#### 4. Professional Engineer Statement:

I, the undersigned, hereby certify, except as particularly noted herein\*, that:

- (1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and
- (2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [ ], if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [], if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with fill provisions contained in such permit.

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Signature

Date

(seal)

<sup>\*</sup> Attach any exception to certification statement.

## **Scope of Application**

Description of Emissions Unit	Permit Type	Processing Fee		
Type II Emission Unit – Impact crusher with	AO	\$1,000		
· · · · · · · · · · · · · · · · · · ·				
	screen classifier and industrial diesel engine.	Description of Emissions Unit  Type  Type II Emission Unit – Impact crusher with screen classifier and industrial diesel engine.		

#### **Application Processing Fee**

Check one: [X] Attached - Amount: \$_1,000	[ ] Not Applicable
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#### Construction/Modification Information

1. Description of Proposed Project or Alterations: Facility is a track and skid mounted Impact Crusher with material classification screening unit and is powered by an integral diesel engine. The crusher is equipped with a water spray system to control dust from the crusher operations.
(The above description reflects no alteration in the design or method of operation proposed in the construction permit application).
2. Projected or Actual Date of Commencement of Construction: N/A – Manufactured unit purchased used.
3. Projected Date of Completion of Construction:
Application Comment
·.

DEP Form No. 62-210.900(3) - Form

#### II. FACILITY INFORMATION

#### A. GENERAL FACILITY INFORMATION

#### **Facility Location and Type**

1.	Facility UTM Coor	dinates:						
	Zone: 17		East (km):	55	7.68 Nort	h (km): 3027.91		
2.	Facility Latitude/Lo	ongitude:						
	Latitude (DD/MM/	SS): $27 - 22$	<b>-58</b>	58 Longitude (DD/MM/SS): $80 - 25 - 6$				
3.	Governmental	4. Facility	Status	5.	Facility Major	6. Facility SIC(s):		
	Facility Code:	Code:			Group SIC Code:	1422		
	0	C		14	•			
7.	Facility Comment (	limit to 500 c	characters):					
	,		,					
		•				•		
						•		
		•						

#### **Facility Contact**

1.	Name and Title of Facility Contact:	Mr. Tommy Hawkins, President	
]			

2. Facility Contact Mailing Address:

Organization/Firm: TRS Concrete Recycling, Inc.

Street Address: 909 Barrel Avenue

City: Ft. Pierce State: FL Zip Code: 34982

3. Facility Contact Telephone Numbers:

Telephone: (561) 464 - 7587 Fax: (561) 464 - 0594

#### **Facility Regulatory Classifications**

#### Check all that apply:

1.	[	] Small Business Stationary Source? [ ] Unknown
2.	[	] Synthetic Non-Title V Source?
3.	[	] Synthetic Minor Source of Pollutants Other than HAPs?
4.	[	] Synthetic Minor Source of HAPs?
5.	[	] One or More Emissions Units Subject to NSPS?
6.	[	] One or More Emission Units Subject to NESHAP Recordkeeping or Reporting?
7.	Fa	acility Regulatory Classifications Comment (limit to 200 characters):

#### **Rule Applicability Analysis**

This facility is exempt from the preconstruction review requirements of rule 62-212.400,					
F.A.C. because it is a new minor facility. See 62-212.400 (2)(d) 1.					

#### **B. FACILITY POLLUTANTS**

#### List of Pollutants Emitted

1. Pollutant	2. Pollutant	3. Requested Emissions Cap		4. Basis for	5. Pollutant
Emitted	Classif.	lb/hour	tons/year	Emissions Cap	Comment
SO2					Emitted from diesel
NOX					engine Emitted from diesel
					engine
PM					Controlled emissions from Impact Crusher
					,
	• -1				
					٠, ,
	-	•			
					**************************************
	<u> </u>			<u></u>	

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#### C. FACILITY SUPPLEMENTAL INFORMATION

#### **Supplemental Requirements**

1.	Area Map Showing Facility Location:
	[X] Attached, Document ID:_TRS-1_ [ ] Not Applicable [ ] Waiver Requested
2.	Facility Plot Plan:
	[X] Attached, Document ID:_TRS-2_ [ ] Not Applicable [ ] Waiver Requested
3.	Process Flow Diagram(s):
	[X] Attached, Document ID:_TRS-3_ [ ] Not Applicable [ ] Waiver Requested
4.	Precautions to Prevent Emissions of Unconfined Particulate Matter:
	[X] Attached, Document ID:_TRS-4_ [ ] Not Applicable [ ] Waiver Requested
5.	Supplemental Information for Construction Permit Application:
	[ ] Attached, Document ID: [X] Not Applicable
6.	Supplemental Requirements Comment:
Al	l required attachments were submitted with the construction permit application.
	•
	- ·

Emissions	Unit l	Information	Section	1	of	1	

#### III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through G as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

#### A. GENERAL EMISSIONS UNIT INFORMATION

#### **Emissions Unit Description and Status**

1.	1. Type of Emissions Unit Addressed in This Section: (Check one)					
[	[ ] This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).					
[ ]	process or production unit	mation Section addresses, as a si as and activities which has at leas so produce fugitive emissions.	_	<del>-</del> -		
Į	<del>-</del>	mation Section addresses, as a sits and activities which produce fu	-			
Mi	2. Description of Emissions Unit Addressed in This Section (limit to 60 characters): HARTZ Minitract Impact Crusher with diesel industrial engine power unit and screen classifier.					
3.	Emissions Unit Identification ID:	n Number:		[X] No ID · [ ] ID Unknown		
4.	Emissions Unit Status Code: A	5. Initial Startup Date: 9/16/97	6.	Emissions Unit Major Group SIC Code: 14		
7.	Emissions Unit Comment: (	Limit to 500 Characters)				

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En	Emissions Unit Control Equipment						
Control Equipment/Method Description (limit to 200 characters per device or method):  Crusher has an integral water spray that wets the material before it enters the crusher.  Crushed material remains wet which minimizes particulate emissions in crushing, screening, and stockpiling operations.							
2.	Control Device or Method Code(s): 061						
En	nissions Unit Details		ı				
1.	Package Unit: Mini Track with container mobi Manufacturer: HARTL		een Model Number:	MT 503 PCV			
2.	Generator Nameplate Rating:	MW	7				
3.	Incinerator Information:		` ,				
	Dwell Temperature:		. `	°F			
	Dwell Time:		v <del>*</del>	seconds			
	Incinerator Afterburner Temperature:			°F			
En	nissions Unit Operating Capacity and Schedu	<u>le</u>	4.				
1.	Maximum Heat Input Rate: 2.18			mmBtu/hr			
2.	Maximum Incineration Rate: lb	/hr	•	tons/day			
3.	Maximum Process or Throughput Rate: 100 To	ons pe	er hour				
4.	Maximum Production Rate:						
5.	Requested Maximum Operating Schedule:						
	8 hours/day		5	days/week			
	52 weeks/year		2040	hours/year			
6.	Operating Capacity/Schedule Comment (limit t	o 20 <del>0</del>	characters):				

Emissions Unit Information Section \_\_\_1\_\_ of \_\_\_1\_\_

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<b>Emissions Unit Information Section</b> 1	of	1	
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#### B. EMISSION POINT (STACK/VENT) INFORMATION

#### **Emission Point Description and Type**

1. Identification of Point on P	2. Emission Po	oint Type Code: 1		
Flow Diagram? Particulate	Flow Diagram? Particulate Emission			
Source				
3. Descriptions of Emission Po	. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to			
100 characters per point):		er of crusher	_	
1 1	1 11			
4. ID Numbers or Description	s of Emission Ui	nits with this Emi	ssion Point in Comm	on:
5. Discharge Type Code: P	6. Stack Heig	ht:	7. Exit Diameter:	
		feet		feet
·.		•		
8. Exit Temperature:	9. Actual Vol	umetric Flow	10. Water Vapor:	
77 °F	Rate:		•	%
· · · · · ·		acfm		
11. Maximum Dry Standard Flo	ow Rate:		nission Point Height:	
· · · · · · · · · · · · · · · · · · ·	dscfm	,	10	feet
	dseim		10	1001
13. Emission Point UTM Coord	linates:			
7 17 5		ZO 37 11	1 (1 ) 2027.01	
Zone: 17 E	ast (km): 557.	.68 Nort	h (km): 3027.91	
14. Emission Point Comment (	imit to 200 char	acters):		

13

Emissions Unit Information Section \_\_\_1\_\_ of \_\_\_1\_\_

#### C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment \_\_\_1\_\_ of \_\_2\_\_\_

Segment Description (Process/Fuel Type) (limit to 500 characters): Impact crusher,.  Primary Crushing (Controlled)					
2. Source Classification Code (SCC): 3. SCC Units: Tons processed 3-05-020-01					
4. Maximum Hourly Rate:	5. Maximum A	Annual Rate:	6. Estimated Annual Activity		
100	208,000		Factor:		
7. Maximum % Sulfur:	8. Maximum %	6 Ash:	9. Million Btu per SCC Unit:		
			_		
10. Segment Comment (limit t	to 200 characters)	):			
	••		·		
Segment Description and Ra		2 of 2	*.*		
Segment Description and Rate: Segment2_ of _2_					
1. Segment Description (Prod	cess/Fuel Type)	(limit to 500 ch	naracters):		
To be and all all and an					
Industrial diesel er	igine				
2. Source Classification Code	e (SCC):	3. SCC Units	: Thousand gallons used		
2-02-001-02					
4. Maximum Hourly Rate:	5. Maximum A	nnual Rate:	6. Estimated Annual Activity		
0.0188	38.4	I	Factor:		
7. Maximum % Sulfur:	8. Maximum %	6 Ash:	9. Million Btu per SCC Unit:		
10. Segment Comment (limit t	to 200 characters)	r:			
No. 2 Diesel Fuel					

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<b>Emissions Unit Information Section</b>	1	_ of _	1	
Pollutant Detail Information Page	1	_ of _	1	

#### D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

#### **Potential Emissions**

1. Pollutant Emitted:	2. Pollutant Re	egulatory Code:
3. Primary Control Device 4. Secondary Code: 4. Sec	ondary Control Device le:	5. Total Percent Efficiency of Control:
6. Potential Emissions:		7. Synthetically Limited?
lb/hour	tons/year	[ ]
8. Emission Factor:		9. Emissions Method Code:
Reference:		
10. Calculation of Emissions (limit to	600 characters):	<u> </u>
		•
11. Pollutant Potential Emissions Com	ment (limit to 200 char	racters):
,		
··		
Allowable Emissions Allowable Emi	ssions1 of1	
1. Basis for Allowable Emissions Coo	de: 2. Future F	Effective Date of Allowable
	Emissio	
3. Requested Allowable Emissions ar	d Units:   4. Equival	ent Allowable Emissions:
		lb/hour tons/year
5. Method of Compliance (limit to 60	characters):	
6. Allowable Emissions Comment (D	esc. of Operating Meth	od) (limit to 200 characters):

<b>Emissions Unit Information Section</b>	1 of	f 1
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# E. VISIBLE EMISSIONS INFORMATION (Only Emissions Units Subject to a VE Limitation)

<u>Visible Emissions Limitation:</u> Visible Emissions Limitation1 of1_						
1. Visible Emissions Subtype: VE 05	2. Basis for Allowable Opacity: [X] Rule [ ] Other					
2 Decreased Allegerable Operation	[A] Rule [ ] Other					
3. Requested Allowable Opacity:	. 10 10					
	exceptional Conditions: 5 %					
Maximum Period of Excess Opacity Allow	ed: min/hour					
4. Method of Compliance: Water spray in	crusher					
5. Visible Emissions Comment (limit to 200 c	characters): Rule 62-296.711					
	F. CONTINUOUS MONITOR INFORMATION (Only Emissions Units Subject to Continuous Monitoring)  Continuous Monitoring System: Continuous Monitor 1 of 1					
1. Parameter Code:	2. Pollutant(s):					
Parameter Code:     CMS Requirement:						
	2. Pollutant(s):					
3. CMS Requirement:	2. Pollutant(s):					
CMS Requirement:     Monitor Information:	2. Pollutant(s):					
3. CMS Requirement:  4. Monitor Information: Manufacturer:	2. Pollutant(s):  [ ] Rule [ ] Other					
3. CMS Requirement:  4. Monitor Information:     Manufacturer:     Model Number:  5. Installation Date:	2. Pollutant(s):  [ ] Rule [ ] Other  Serial Number:  6. Performance Specification Test Date:					
3. CMS Requirement:  4. Monitor Information:     Manufacturer:     Model Number:	2. Pollutant(s):  [ ] Rule [ ] Other  Serial Number:  6. Performance Specification Test Date:					
3. CMS Requirement:  4. Monitor Information:     Manufacturer:     Model Number:  5. Installation Date:	2. Pollutant(s):  [ ] Rule [ ] Other  Serial Number:  6. Performance Specification Test Date:					
3. CMS Requirement:  4. Monitor Information:     Manufacturer:     Model Number:  5. Installation Date:	2. Pollutant(s):  [ ] Rule [ ] Other  Serial Number:  6. Performance Specification Test Date:					
3. CMS Requirement:  4. Monitor Information:     Manufacturer:     Model Number:  5. Installation Date:	2. Pollutant(s):  [ ] Rule [ ] Other  Serial Number:  6. Performance Specification Test Date:					
3. CMS Requirement:  4. Monitor Information:     Manufacturer:     Model Number:  5. Installation Date:	2. Pollutant(s):  [ ] Rule [ ] Other  Serial Number:  6. Performance Specification Test Date:					

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<b>Emissions</b>	Unit	Information	Section	1	of	1	
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#### G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

#### **Supplemental Requirements**

1.	Process Flow Diagram [X] Attached, Document ID: TRS-1 [ ] Not Applicable [ ] Waiver Requested
	Fuel Analysis or Specification [X] Attached, Document ID:_TRS-5_ [ ] Not Applicable [ ] Waiver Requested
3.	Detailed Description of Control Equipment  [ ] Attached, Document ID: [X] Not Applicable [ ] Waiver Requested
	Description of Stack Sampling Facilities  [ ] Attached, Document ID: [X] Not Applicable [ ] Waiver Requested
5.	Compliance Test Report
	[X] Attached, Document ID:TRS-6
	[ ] Previously submitted, Date:
	[ ] Not Applicable
6.	Procedures for Startup and Shutdown
	[ ] Attached, Document ID: [X] Not Applicable [ ] Waiver Requested
7.	Operation and Maintenance Plan
	[ ] Attached, Document ID: [X] Not Applicable [ ] Waiver Requested
8.	Supplemental Information for Construction Permit Application
	[ ] Attached, Document ID: [X] Not Applicable
9.	Other Information Required by Rule or Statute
	[ ] Attached, Document ID: [X] Not Applicable
	. Supplemental Requirements Comment:
	attached is the visible emission observation form 1 from the observation conducted on
8/]	17/99 by Bertha Wiggins of Dickerson of Florida, Inc.

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EPA	Form Number   Page Of
VISIBLE EMISSION OBSERVATION FORM	Confinued on VEO Form Alumber
Method 9 235A 2056 City	Othervollan Date Sine Sone Start Sine Sind Time
Company Name  PS CONCRETE RECYCLUS  Facility Name  H S N N 13 1T PIANT  Showl Account  H S N N 13 1T PIANT  Showl Account  H S N N 13 1T PIANT  Showl Account  H S N N 13 1T PIANT  Showl Account  Showl Account  Discribe Emission Point  S T of L K O'N C Y L S N O'N  Helphi of Emiss Pi.  Stort 2 7 End 3 5 Stort  Discribe In Sign Pi.  Stort 2 7 End 3 5 Stort  Discribe In Sign Pi. O'Degrees)	100000 10000 1000000 1000000 1000000 1000000 1000000 1000000 1000000 1000000 100000000
Vertical Angle to Obs. Pf.  Start End Start End Start End Distance and Disection to Observation Point from Emission Point Start End  Describe Emissions Start Find  Describe Emissions Start Color Water Dispise Pyrine Start. Color Find Color Valuation Point Start. Color Find Color Valuat	
Describe Plume Sociopound  Start (11) 1 1 2 5 5 5 5 5 5 5 5 5 5 5 5 6 6 5 6 7 5 5 5 5	
X Observating Point  Conservat a Position  Special William  Special Willia	
Sun location time   Wind   Sun location   Wind   Wind   Sun location   Wind   Wind   Wind   Wind   Sun location   Wind   Win	Charrier's Normal (Part)  Charrier's Region Date  Total Table Charles  Char

**EPA** 2 VISIBLE EMISSION OBSERVATION FORM: 1 Communic 3 3 3,4416 4 Height of Erries. Pt. Height of Erniss Pl. Res. to Observer Vertical Angle to Obs. Pt. Direction to Obs. Pt. (Degrees) Start from Emission Point nt <u>End</u> tance and Direction to Observation Point 13 Descatos arrandors Detoched . Describe Alume Background Start Background Color End Sky Conditions Ambient Temp. West Buildo Nemp. 20 Stort: End 21 Drow North Arrow Source Layout Sketch · | MN | DMN 23 24 25 20 4 a.e Sun Location Line Additional Information Pinshy

**EPA** Form Number VISIBLE EMISSION OBSERVATION FORM 1 N. Ist valian Date lime Zane FSTO 0 15 Comments S CONCRETE RECYCLING ASMARIT Selvita C Height of Erniss. Pt. Ref. to Observer Start 2 5 End
Distance to Emiss. Pt. start 501 End Vertical Angle to Obs. Pt. Direction to Obs. Pt. (Degrees) 12 AHAChie <u>66</u> 15 Start 4/1 Drow North Arrow Source Layout Sketch IN MIN ال . وجر 0 J Stock With Plume Sm: Sun Location Line Wind Latitude Observer's Signature Additional Information Dole

VEOF1.1

# EPA VISIBLE EMISSION OBSERVATION FORM 1

Company Name	10 2
1 :デン・ビート・ハウノロ・	to doning in
Facility Name	re Recycling
ASONALI	
Charl Arthur	
3760 Selvit	Z Ri
3764 Selvit	
1996 Francisco	Stote Zip
FILLER	1 E 1 3498 2
: 0	
Process	Unit # Operating Mode
ROCK Coushon	11 Tacton
Conflor Equipment	Operating Mode
57 meles	
Describe Emission Point	
	shor
140110	2 11 W F
Height of Erniss, Pt.	Height of Emiss, Pl. Rel; to Observer
	Magni di Bris. Pl. Rai: 10 Comiver
Start 2.5 End 3.5	Start End
	Direction to Emiss. Pt. (Degrees)
Start 501 End 5	Start End
Verifical Angle to Obs. Pt.	Direction to Obs. Pt. (Degrees).
Start End Distance and Disection to Observation Po	Start End
Distance and Direction to Observation Pa	nt from Emission Point
Stort	- End
Describe Emissions	
Stort AHACKED	5ANC
Emission Color	Water Droptet Plume
	/
STON CITALY ENG GYA)	Attached Detached None
Describe Plume Background	· · · · · · · · · · · · · · · · · · ·
Α	
Start ( / I/A ) h /a Bockground Color	End Sith N. C.
	Sky Conditions:
Start Circle: 14 13 y 76 gt. Wholspeed	Stort SAM & End SAM
1	
Stort 5 & End Z - 5	Stori (V.C. End (V.C.
	10-21 17 E
	Start (U.S. End (V.S. Wet Bulb Temp. RH Percent
Stort 90 End 95	Wet Bulb Temp. RH Percent
Ун	Wet Bulb Temp. RH Percent
Ун	
Stort 9/0 End 9/5	ovout Sketch Draw North Arrow
Stort 9/0 End 9/5	Direct Month America
Stort 9/0 End 9/5	Draw North Arrow
Stort 9/0 End 9/5	ovout Sketch Draw North Arrow
Stort 9/0 End 9/5	Draw North Arrow
Stort 9/0 End 9/5	Draw North Arrow
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