OLYMPIC REGION CLEAN AIR AGENCY

2940 Limited Lane NW - Olympia, Washington 98502 - 360-539-7610 – Fax 360-491-6308

FORM 1- NOTICE OF CONSTRUCTION

TO CONSTRUCT - INSTALL - ESTABLISH OR MODIFY AN AIR CONTAMINANT SOURCE

Form 1 Instructions:

1. Please complete all the fields below. **This NOC application is considered incomplete until signed.**
2. If the application contains any confidential business information, please complete a Request of Confidentiality of Records (www.orcaa.org/forms).
3. Duty to Correction Application: An applicant has the duty to supplement or correct an application. Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application must, upon becoming aware of such failure or incorrect submittal, promptly submit supplementary factors or corrected information.

Business Name: Bayview Redi Mix Inc	**For ORCAA use only** File No: 479 County No: 27 Source No: 11 Application No: 25NOC1722
Mailing Address: 100 Hagara Road Aberdeen, WA 98520	
Physical Address of Project or New Source: 91 Schouweiler Road Elma, WA 98541	Date Received: Received JUN 04 2025 ORCAA
Billing Address: 100 Hagara Road Aberdeen, WA 98520	

Project or Equipment to be installed/established: Installation of Con-e-co LP10 Concrete Batch Plant

Commence construction date: 01 / 11 / 2024 Is facility currently registered with ORCAA? Yes ☑ No ☐

This project must meet the requirements of the State Environmental Policy Act (SEPA) before ORCAA can issue final approval. Indicate the SEPA compliance option:

- ☑ SEPA was satisfied by Grays Harbor County (government agency) on 02 / 25 / 2003(date) - Include a copy of the SEPA determination
- ☐ SEPA threshold determination by _____ (government agency) is pending - Include a copy of the environmental checklist
- ☐ ORCAA is the only government agency requiring a permit - Include ORCAA Environmental Checklist
- ☐ This project is exempt from SEPA per _____ (WAC citation).

Name of Owner of Business:		Agency Use Only
Title: Marvin Prince		
Email: Marvin@bayviewredimix.com	Phone: 360-533-7372	
Authorized Representative for Application (if different than owner):		
Title:		
Email:	Phone:	
I hereby certify that the information contained in this application is, to the best of my knowledge, complete and correct.		
Signatu zed Representative: (sign in Blue Ink)		
	Date: 05/23/2025	

IMPORTANT: Do not send via email or other electronic means. ORCAA must receive Original, hardcopy, signed application and payment prior to processing application.

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Name of Owner of Business:		Agency Use Only
Title: Marvin Prince		
Email: Marvin@bayviewredimix.com	Phone: 360-533-7372	
Authorized Representative for Application (if different than owner):		
Title:		
Email:	Phone:	
I hereby certify that the information contained in this application is, to the best of my knowledge, complete and correct.		
Signature of Owner or Authorized Representative: (sign in Blue Ink)		
Marvin Prince	**Date:** 05/23/2025	

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FORM 30
CONCRETE BATCH PLANTS

GENERAL INFORMATION

Company Name: Bayview Redi Mix Inc	Plant Manager: Darin Prince Phone: 360-482-3444 Email: homebrewdawg@hotmail.com
Operating Schedule: 10 hrs/day, 7 days/wk, 52 wks/yr	Circle days when operating: M T W Th F Sat Sun
Plant Location: 91 Schouweiler Road County: Grays Harbor	Section: 4, Township: 17, Range: 6W Surface Mine Name & ID# (if applicable): Elma Pit #70-11155

PLANT INFORMATION

Make and Model of Plant Facilities: Con-e-co LP10	Company # of Name of Facility: Elma
Manufacturer: Con-e-co Date Plant Manufactured: 1987	Last Date Plant was modified / reconstructed: N/A
Production Output: 180 tons per hour	Percent of production by season: Jan-March 20% April – June 25% July – September 40% October – December 15%

AIR POLLUTION CONTROL EQUIPMENT (enter Make & Model)

- ☐ Knock out box _____
- ☐ Cyclone _____
- ☐ Multiclone _____
- ☐ Scrubber _____ Gallons / minute @ _____psi
- ☑ Baghouse 7, 8"x36" long cartridges Air to cloth ratio: _____ Type: Spun-bound polyester
- ☐ Other _____

ACFM at discharge of plant: _____

POINTS EXHAUSTED BY VENTILATION (Or if sealed off, note accordingly)	**FUEL TYPE – RECORDED USE OR BEST ESTIMATES**
☐ Dryer – Charge End _____	Type (e.g. natural gas) Electric
☑ Discharge end _____	Grade or spec. _____
☐ Screens _____	% sulfur _____
☐ Elevator head _____	Rated hourly consumption _____
☐ Elevator boot _____	
☐ Other _____	

SEE REVERSE FOR ADDITIONAL INFORMATION NEEDED

FORM 30: CONCRETE BATCH PLANTS Continued

Please provide answers to the following questions:

1. Will concrete be loaded into trucks or will this be a bagging operation (wet or dry system)?
Concrete will be loaded into trucks. It is a dry batch plant.

2. If trucks are loaded, will displaced air from the charging of the mixer trucks be vented to the silo or baghouse?
No. A spray bar will be added to eliminate dust on the discharge into the trucks.

3. If bagged, how will the dust be collected?
N/A. Cement is not bagged at this plant.

4. How is the cement transferred to the silo? (i.e. screw conveyor, bucket conveyor, pneumatic?)
Pneumatic

5. Will the cement weigh hopper be vented to the baghouse or to the silo?
Baghouse

6. Will the cement receiving, storage and transfer system contain rubber seals at all transfer points?
Yes

7. How will aggregate and sand be conveyed, weighed, and transferred and what dust control techniques will be used?
Aggregate and sand are stockpiled on site. A loader feeds these materials into a hopper that feeds conveyors that drop into the batch plant. The product is washed with minimal fines and comes to the site wet minimizing any dust.

8. Please state how dust from heavy vehicle traction will be minimized?
Heavy equipment is on paved surfaces the majority of the time.

9. What other techniques will be used to control dust during mixer charging? (foam rubber seals, etc.)
In addition ot the spray bar mentioned earlier. The plant has bindicators and scales to prevent overloading.

10. What techniques will be used to control dust emissions during charging of cement trucks?
A psi guage is observed to watch for a drop or spike in pressure. If a drop or spike in pressure is observed unloading will be paused to determine the cause. Plant operator will also visual observe baghouses and plant in order to spot any unwanted leaks. Lastly, there is a bindicator on the cement silo that measures how much cement is stored in each silo. That will be used to prevent overfilling.

11. Will there be any spray bars installed?
Yes. At the discharge point of the batch plant.

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www.orcaa.org

FORM 12

Fill out all the applicable equipment information requested below and submit the appropriate fees.

BAGHOUSE

General Information

Facility Name: Elma	**Contact Person:** Darin Prince
	Phone Number: 360-482-3444
	Email: homebrewdawg@hotmail.com
Facility Operating Schedule: 10 hrs/day, 7 days/wk, 52 wks/yr **Indicate days when operating:** ☑ M ☑ T ☑ W ☑ Thu ☑ F ☑ Sat ☑ Sun	**Baghouse Operating Schedule:** 10 hrs/day, 7 days/wk, 52 wks/yr **Indicate days when operating:** ☑ M ☑ T ☑ W ☑ Thu ☑ F ☑ Sat ☑ Sun

☑ New Unit Installation ☐ Modification	**Manufacturer:** Vince Haggen	**Model #** VH-245JP	**Serial #**

Technical Specifications

Air Flow: Design ACFM 33 Operating ACFM 28-33 Temperature 51 °F	**Particulate Control Efficiency:** Pressure Drop (inches of water) 0.5" Water Vapor Content (lbs/water/lbs dry air) N/A Fan Power (hp) N/A

Describe Filter Material:
Spun-bound polyester with a permeability of 28-33CFM/ Sq foot. There are 245 Sq feet of filter cloth area.

Describe bag cleaning mechanism and cycle:
Bags last about a year and are replaced yearly. Bags are cleaned every x....

Describe operation of baghouse, including use of safety bypasses, monitoring and maintenance schedules, and any other pertinent information relating to particulate emissions (use additional pages if necessary):

Particulate Emissions Data

Particulate Emissions:	Particulate Control Efficiency:
Inlet (gr/scf) <10	Filtering Velocity (acfm/ft^2 cloth) 33
Outlet (gr/scf) 0.02	Particulate Control Efficiency (%) 99.9 at 0.2-2 microns

Describe Particulate Emissions: It is designed to have less than 0.02 gr/scf of discharge.		
Micron Range	Inlet Loading (% of total)	Outlet Loading (% of total)
0 -5	_____%	_____%
5 – 10	_____%	_____%
Greater than 10	_____%	_____%

Other Information:

The following information is needed to complete the application:

1. Manufacturer brochure or technical fact sheet for filter material.
2. Scaled technical drawings of the baghouse including top, side and interior views.
3. Manufacturer brochure or technic fact sheet for baghouse.

Filing Fee: See https://www.orcaa.org/services/fee-schedules/ for an up-to-date list of fees

GENERAL REQUIREMENTS

1. **BACT for Particulate Control:** ORCAA may require demonstration of compliance based on measured stack grain loading in accordance to the procedures outlined in 40CFR Part 60 and in accordance with ORCAA's approved particulate source test procedures.

   1.1 Low Temperature Process Streams - Grain Elevators, Barley Processing, Forest Products Dust, Large Cabinet Shops:
   Particulate Limit: 0.01 gr/dscf
   Opacity Limit: 5% for entire process stream.

   These limits are appropriate for low temperature dust control when NOMEX bags are feasible.

   1.2 High Temperature Process Streams - Ceramics, Metal Dust:
   Particulate Limit: 0.01 gr/dscf
   Opacity Limit: 5% for entire process stream.

   1.3 Combustion Sources - Boilers, Asphalt Plants:
   Particulate Limit: 0.02 gr/dscf (back half included)
   Opacity Limit: 5% for entire process stream.

2. **Stack**: Emissions shall exit through a vertical stack at least 2 meters above the highest point of the baghouse. Permanent sampling ports and platforms shall be installed on the stack prior to commencement of operation. The sampling ports shall meet the requirements of 40, CFR Part 60, Appendix A, Method 1.

3. **Opacity Monitor (wood fired boilers):** Owners and operators of baghouses installed on wood fired boilers shall install, calibrate, maintain, and operate a continuous emissions monitoring system (CEMS) for continuously monitoring the boiler stack gas opacity prior to exiting to the atmosphere.

   3.1 The opacity CEMS shall be certified and installed in accordance 40CFR Part 60, Performance Specification 1 (appendix B).

   3.2 The opacity CEMS shall be equipped with a strip chart recorder or data acquisition system (DAS) capable of computing and recording stack gas opacity in three consecutive minute averages. The data acquisition system or strip chart recorder shall record and display opacity values to 0.5% opacity.

   3.3 Prior to installation of the CEMS, the owner or operator shall provide ORCAA a written manufacturers certificate of conformance with Performance Specification 1.

   3.4 An opacity CEMS quality assurance plan conforming with 40 CFR Part 60 Appendix F and the EPA publication "Recommended Quality Assurance Procedures for Opacity Continuous Emissions Monitoring Systems" (EPA 340/1-86-010) shall be developed and submitted to ORCAA for approval no later than 180 days after commencement of operation.

   3.5 The opacity CEMS shall be operational and tested for compliance with 40 CFR Part 60, Appendix B Performance Specification 1 no later than 90 days after initial startup.

4. **Other:** Other requirements include; 1) monitoring of pressure drop across baghouse, 2) bag monitoring and maintenance schedule, 3) full set of replacement bags on-site, 4) emission inventory reporting, and 5) excess emissions reporting.

Elma Dry Batch Concrete Plant Update

Bayview Redi Mix Inc has been operating a concrete batch plant at this location for decades with the same plant. Due to the desire to increase efficiency and to decrease maintenance costs Bayview Redi Mix has begun the process of replacing the old plant with a new one. The plant they have chosen to install is a 1987~ Con-e-co LP10. The plant had only batched about 50,000 Cubic Yards prior to purchase and had been stored inside a warehouse for the last few decades maintaining the condition of the plant to like new.

Concrete at this site is produced by combining precise weights of sand, aggregates, cementitious materials, water and admixtures into mixer trucks where it is mixed in mixer trucks on delivery to the job site. The plant is powered by electricity.

The batch plant includes a cement silo with a new Vince Hagan VH-245JP silo top dust collector. This is a baghouse with 7- 8”x36” long cartridges that are covered with spun-bound polyester as the baghouse filtering material. The baghouse is 99.9% efficient at filtering out 0.2-2 micron particulate as air and cementitious materials are pumped pneumatically through the silo during loading or transport to and through the batch plant.

Aggregate and sand are stockpiled on site and loaded into the concrete batch plant by a loader.

Cement dust is collected and returned to silo from baghouse

Sand and Aggregate Hopper

Batch Plant

Cementitious Material Silo

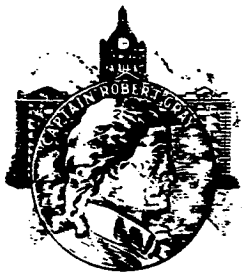
Baghouse on top of Silo

Spray bar to be added at discharge point of batch plant into mixer truck

Concrete Mixer Truck


Schouweiler Rd S
Batch Plant
Discharge Point
Batch Plant
Cement Silo
+ Baghouse
Aggregate
Hopper
houweiler Rd S

DEPARTMENT OF PUBLIC SERVICES
100 W. BROADWAY, SUITE 31
MONTESANO, WASHINGTON 98563-3614
PHONE (360) 249-4222
FAX (360) 249-3203



F. PAUL EASTER
DIRECTOR

GRAYS HARBOR COUNTY
STATE OF WASHINGTON

STATE ENVIRONMENTAL POLICY ACT
REVISED MITIGATED DETERMINATION OF NON-SIGNIFICANCE (MDNS)
Case #2002-1729

Public Works
Russ Esses, Co. Engineer
100 W. Broadway, Suite 31
Montesano, WA 98563-3614
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Harbor Co. Web Page
ays-harbor.wa.us

Description of Proposal: Renewal of an expired shoreline permit, Case #SMA 90-117, to authorize continued operation of a sand and gravel mining & concrete batch plant facility. The application additionally includes a request for expansion of surface excavation to a previously non-permitted adjacent site. The expansion request encompasses an area approximately 21.4-acres in size. The application also request allowance for importation of fill for reclamation of the existing operation.

The project is a four-phased development, with Phase 1 being the current operation and Phase 4 ending in the proposed expansion area. As part of the proposal, the existing crusher and wash plant will be moved to an area northwest of their current location (phase 4). Construction methods include surface mining of aggregates by dragline bucket and processing the mined material on-site to produce concrete mix and crushed rock. Finished materials are then transported by truck to construction sites around the region.

Operations associated with the proposal include: mining, washing, screening, crushing, on-site storage of mined and processed material, off-site hauling of finished materials, and a concrete batch plant facility.

Permit Area ~ The project site totals 105.2-acres. Of this, the existing Phase 1 mine area comprises 35.2-acres. Phase 2 comprises 18.5 acres, and the Phase 3 mine area is 14 acres. Phase 4 comprises 21.4-acres. The remaining acreage includes the 9.8-acre sand extraction area that was previously mined, the 5.9-acre processing plant area, and the 0.4-acre parcel where the existing office and scales are located.

Permit Depth ~ The existing operation, Phase 1, has a varying depth ranging from 80 feet to 105 feet at its deepest point. The new proposal for Phase 1 calls for the depths to remain as existing, with most of the pit floor at a depth of 80 feet. The permit depths for Phases 2 through 4 are proposed at 80 feet.

Imported Fill ~ The proposal calls for up to 75,000 cubic yards of material to be imported for reclamation of Phase 1 pit side-slopes. Up to 20,000 cubic yards of topsoil may also be needed to complete final reclamation of the site above seasonal low water.

Proponent: Bayview Redi-Mix, Inc., P.O. Box 165, Aberdeen, WA 98520. 360-533-7372.

Location of Proposal: The operation is located at 91 Schouweiler Road. In the Southeast Quarter of Section 32, Township 18 North, Range 6 West of the Willamette Meridian, the Northwest Quarter of Section 4, Township 17 North, Range 6 West of the Willamette Meridian, and the Northeast Quarter of Section 5, Township 17 North, Range 6 West of the Willamette Meridian. All lying South of State Route 12, situate in Grays Harbor County, Washington. The subject site is further described as having Assessor's Parcel Number's #180632430010, 180632440010, 180632440020, 180632440030, 180632440040, 180632440050, 170604220020, 170604220040, 170605120000, 723500200000, and 723500100000.

Lead Agency: Grays Harbor County.
The lead agency has determined that this proposal, if appropriately conditioned, does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request.

The lead agency has based its MDNS on the following mitigation measures:

1. If any fuel is stored on-site, it shall be located in a permanent location, to be a minimum of 50 feet from any pit or pond. A concrete pad, large enough to place the fuel-storage tank and incorporate a fueling area, shall be installed along with an oil-water separator. The concrete pad shall be elevated, a minimum of 6 inches above existing grade, and designed to direct all spilled fuel/storm-water to a central location where the oil-water separator will be installed. The oil-water separator shall be cleaned and pumped regularly to insure proper treatment.
2. A vegetation buffer measuring 100 feet wide shall be established around the mining site, so as to provide a visual screen and aesthetic enhancement.

The vegetation buffer must be depicted in detail in a buffer detail plan. Within said buffer, coniferous & deciduous trees shall be planted along the entire length of the property (proposed mining area, phases 1 & 4), adjacent to State Route 12, and along the western property line (phase 1, 2 &3), The trees must be planted in a minimum of three rows (two rows of deciduous & one row of coniferous) and placed every 6-8 feet (deciduous trees) & 10-12 feet (coniferous trees). Trees must be appropriately located to ensure survival. Trees must be planted between September 1, 2003 and March 31, 2004. An inspection of the plantings will be required upon completion of the plantings. Trees that do not survive must be re-planted. Buffer areas not specifically mentioned above shall be approved with acceptance of the detailed vegetation buffer plan, showing specific plantings and dimensions within the buffer.

3. A drainage plan shall be prepared by a professional engineer consistent with the standards contained in the *Washington State Department of Ecology's Stormwater Management Manual For Western Washington 2001.* The drainage plan shall also detail the following:
   - Location of the culverts under State Route 12, which direct stormwater on the subject property.
   - Existing culverts and natural drainage course elevations shall be determined and shown with contours. The pit floor shall be designed to direct all stormwater towards existing/designated retention ponds and infiltration basin.
   - Location of the points where drainage is discharged from the property. The discharge point(s) are only for the highway stormwater source and not stormwater generated from the subject property.
   - Restoration and enhancement of the natural drainage course, consistent with the mining and reclamation plan, to the predevelopment rates. Predevelopment meaning prior to the constructing of dikes and the displacement of earth. Restoration shall incorporate treatment of stormwater. Stormwater from pit floor and highway shall not be directed into the pond/pit unless properly treated.
4. The surface excavation shall comply with all applicable Washington State Department of Natural Resources (DNR) standards that regulate pit operation and reclamation procedures. Reclamation shall be concurrent with the active mining operation. This progressive reclamation technique is required due to the expansive life of the mining operation and the immediate loss of wetland values and functions resulting from mining. The DNR, per their SEPA comments letter dated January 30, 2003, request that the applicant submit revised and expanded information and materials for reclamation permitting.
5. The sub-aqueous slopes of the existing mining operation (Phase 1) shall be reclaimed to a slope of 1.5:1 and the slopes above the seasonal low water shall be sloped at a varying 2:1 to 3:1.

6. The sub-aqueous slopes of phases 2 through 4 shall be mined to a 1.5:1 slope and the slopes above the seasonal low water shall be sloped at a varying 2:1 to 3:1.
7. All fills proposed for reclamation shall be of native earthen material, so as to provide adequate stability for sloping. The fill would preferably come from new site development where native grade is being removed. A plan narrative shall discuss estimated quantities, depth and source of material. The plan shall include quantities of fill needed in the sub-aqueous areas as well as the reclaimed slopes above seasonal low water. The fill shall be incorporated in the final reclamation plan, as approved by DNR. The fill activity shall remain compliant with Water Quality General Permit Number WAG-50-1064.
8. All permitted pit activities shall be within the approved permit area. All encroachments onto adjacent properties shall be removed. The applicant shall submit a narrative plan discussing the severity of encroachment(s) and timeline and methods for counteraction. The plan shall be included with the final reclamation plan, as approved by DNR.
9. The applicant shall submit a reclamation plan, if applicable, for proposed phase four (4) of the mining operation.
10. Any requirements/permits of the Washington State Department of Transportation (WSDOT) for highway access shall be adhered to for this proposal. The proposal shall in no way impact the traditional drainage that crosses State Route 12 and drains near the northwest corner of the subject property.
11. The operation shall comply with all emission requirements of the Olympic Region Clean Air Agency (ORCAA) requirements to operate the proposed rock crusher, concrete batch plant, washing plant, and screening facility. Dust abatement shall occur as needed along haul roads, rock crusher site, sorting areas, and concrete batch plant facility using water trucks and/or spray bars.
12. The proposed quarry shall comply with all applicable Department of Ecology standards that regulate air quality, water quality, and noise levels. Per letter dated February 7, 2002 from the State of Washington Department of Ecology, water discharges from the facility are covered under Sand & Gravel Permit Number WAG-50-1064. All required plans and submittals must be updated to reflect any changes in operations and the information must be provided to the Department of Ecology's Southwest Regional Office.
13. The applicant shall provide a wetland mitigation plan in accordance with current Washington State guidelines. Such plan shall meet the requirements and be coordinated by agencies with jurisdiction, including but not limited to the Washington Department of Ecology and Army Corps of Engineers. Portions of the mitigation plan may be included as part of the final reclamation plan, as approved by the Washington Department of Natural Resources.

14. All dikes located on subject property shall be shown on topography map. All breaching of the dike shall be shown on mining plan and explained by narrative, including removal, mitigation and replacement. Breaching of existing dikes shall not encumber adjacent properties.
15. The applicant shall submit a narrative describing the on-site surface excavation process and a hauling plan. These plans shall be comprehensive of the entire operation and are required by Grays Harbor County, per Ordinance #88, section 13.08.140 (1-5). The plan narrative shall include descriptions of permit area, subsequent use, soil budget, mine phasing, reclamation sequencing, groundwater (elevations and fluctuations), reclamation setbacks and reclamation sloping, final drainage, and revegetation.

[x] This MDNS is issued under WAC 197-11-350; Grays Harbor County will not act on this proposal for 15 days from the date of this document. Comments must be submitted by: March 12, 2003.

Responsible official: Curt Crites. *Signature*: 
Position/title: Planner.
Telephone: 360-249-5579.
Address: 100 W. Broadway Ave. #31, Montesano, WA 98563.

Date: February 25, 2003.

Appeals of this determination shall be made as set forth in the laws of the State of Washington RCW 43.21C.

PTE Emissions Calculations

Emission Factors (EF) (lbs/ton)

Source	Total PM (lb/ton)
Cement Unloading to Silo	0.00099
Truck Loading (Truck Mix)	0.098
Vehicle Traffic on Unpaved Roads	0.424
Total	0.52299

Design Rate (PR) (tons/ hour)

Capacity (CYDs/ Hour)	100
Capacity (Tons/ Hour)	201.2
Capacity (lbs/ Hour)	402400
lbs/ hour of Cement	47000
Lbs of Cement/ CYD	470
% Cement/ Pound	12%
Tons/ CYD	2.012

Operating Time (T)

Hours	8760

Potential Total Emissions	Total PM (lb/yr)
Cement Unloading to Silo	1,745
Truck Loading (Truck Mix)	172,726
Vehicle Traffic on Unpaved Roads	747,305
Total	921,776

Comparison to 2024 Actual Production

2024 Volumes

CYDS	8600
Tons	17303.2

2024 % of Plant Capacity

0.98%

2024 Estimated Emissions	Total PM (lb/yr)
Cement Unloading to Silo	17
Truck Loading (Truck Mix)	1,696
Vehicle Traffic on Unpaved Roads	7,337
Total	9,049

This quote was specially prepared for SWANSON, JAMES "JIM"

Quote Number: 250224RH1 Revision:

BAYVIEW REDI MIX, INC

The Vince Hagan Company, Dallas, Texas

2/24/25 < Quote Date

1. DUST CONTROL

SILO TOP DUST COLLECTOR

1 **VH-245JP Silo Top Dust Collector:** This unit has the following features and specifications: Silo mounted flange and top access hinged door. 245 square feet of cloth filtering area. Cloth is spun-bound polyester. (7) Seven - 8" diameter cartridges. Cartridges are 36" long. Remove and replace cartridges from the top. Includes **QUICK RELEASE** Toggle Clamps to allow easy access for filter cartridge maintenance. Cloth weight is 8.1-oz./square yard. Permeability is 28-33 CFM/square foot at 0.5" water. Exhaust opening size is 0.27 square feet. Filter efficiency is 99.9 at 0.2-2 microns. Included air filter and regulator unit (60 - 70 psi typical setting, 75 psi maximum) mounted to air manifold. Unit requires approximately 9 cfm at 70 psi in collector manifold to operate bag system. Electrical specifications are 115V/1PH/60HZ for the power unit input and control panel. **NOTE: External air piping and wiring is not included.**

PREP: All steel shall be wire brushed and chemically cleaned (SP2 cleaning).

PAINT: One coat of epoxy primer and one coat of urethane paint.

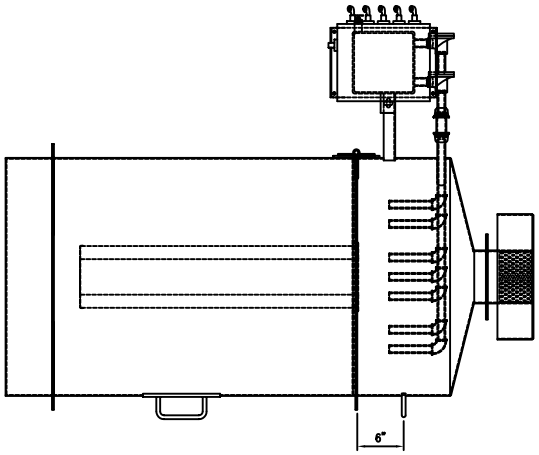
COLOR: Hagan Gray is default color of equipment to be painted. Other options include Hagan Yellow, Dunes Tan, White and Patriot Gray.

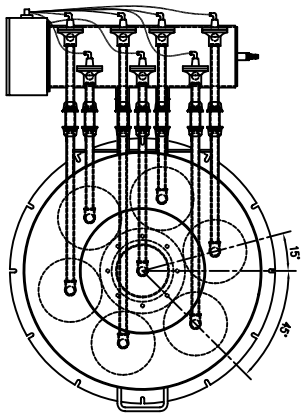
TOTAL NET PRICE FOR THE DUST CONTROL (DALLAS, TEXAS FACTORY)

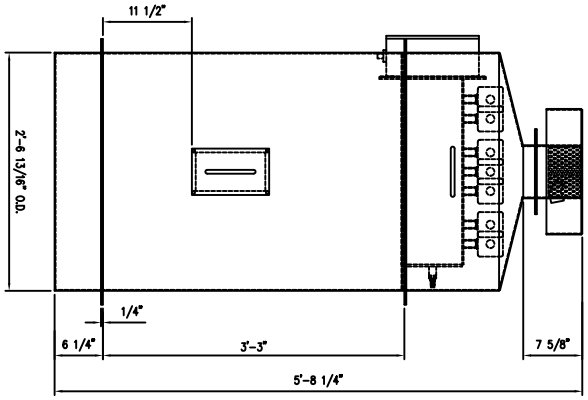
$8,026.00

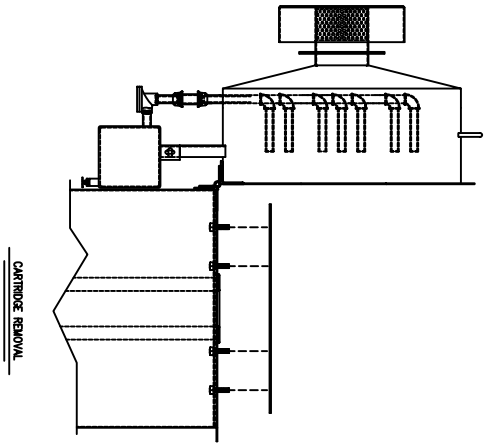
TOTAL SYSTEM NET PRICE (DALLAS, TEXAS FACTORY)

$8,026.00









CARTRIDGE REMOVAL

REV.	BY	DATE	DESCRIPTION

MADE FROM | REV.

THE VINCE HAGAN COMPANY
DALLAS, TEXAS

TITLE: VH-245JP SILO TOP COLLECTOR ASS'Y

MODEL NO.	DWN. BY	ORD. BY	DATE REL.	SCALE
VH-245JP			11/25/97	1/2"=1'-0"

DRAWING NO.: D0245A01-CUST

VINCE HAGAN

THE INNOVATOR OF BATCH PLANT EXCELLENCE

Dust Collection Systems

Free Standing
Jet Pulse Dust Collector

In-Truss Jet Pulse Dust Collector

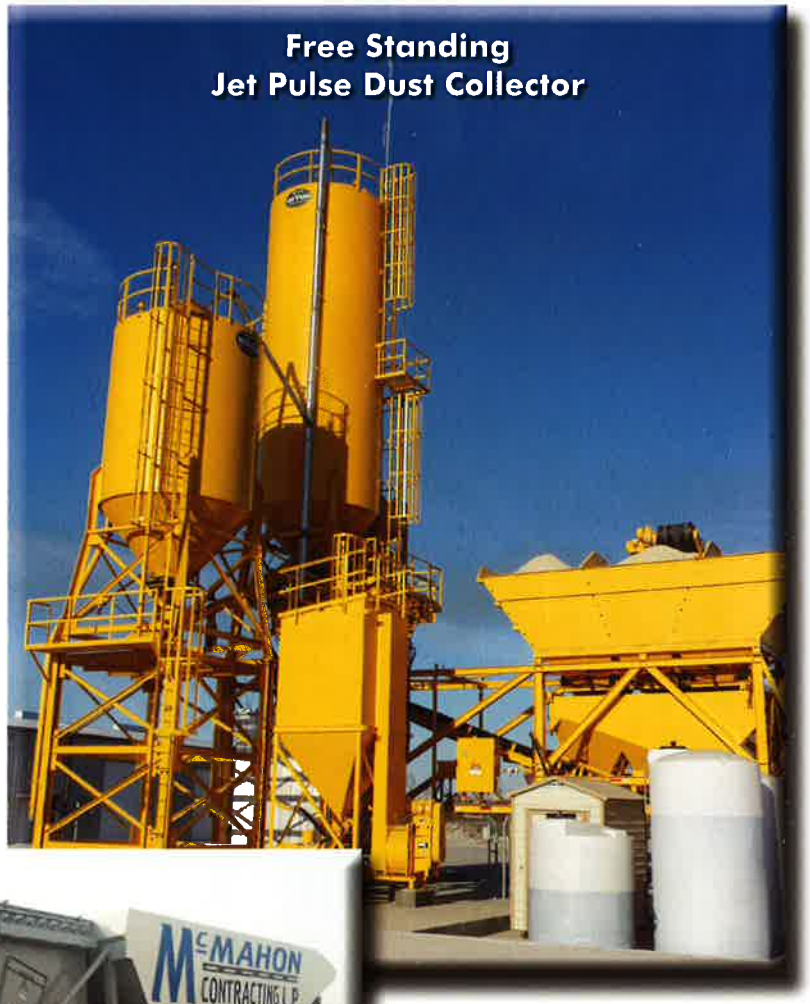
Silo Top
Jet Pulse Dust Collector

ENVIRONMENTAL INNOVATION...*Since 1956 the Vince Hagan Company has been dedicated to innovation in keeping the environment safe and clean. Innovation that has led to the patented design of a horizontal mixer used in hazardous sludge remediation, reclaimers used to keep concrete job sites clean, and dust control systems for every application which are keeping the air we all breathe a whole lot cleaner.*

WWW.VINCEHAGAN.COM

"A dust control solution for any concrete batch plant from the inventor of the mobile concrete plant."

Let the Vince Hagan Company solve your concrete batch plant dust control problems with a free-standing, in-truss, or portable collector. Hagan can take any existing plant, stationary or portable, and retro-fit a dust collection system. Then let an optional fully automatic dust reclaim system pay for your collector by recycling the dust into the fly ash.

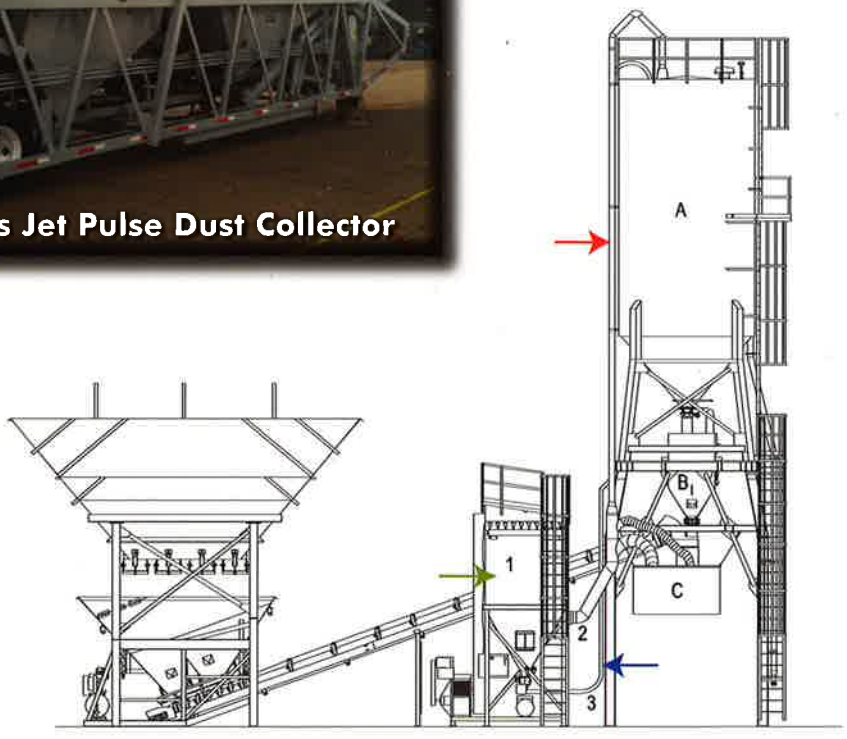


DUST CONTROL

1 - FREE STANDING JET PULSE DUST COLLECTOR
2 - DUCTWORK
3 - DUST RETURN LINE

EXISTING PLANT

A - CEMENT SILO
B - WEIGH BATCHER
C - DUST SHROUD TRUCK FEED POINT



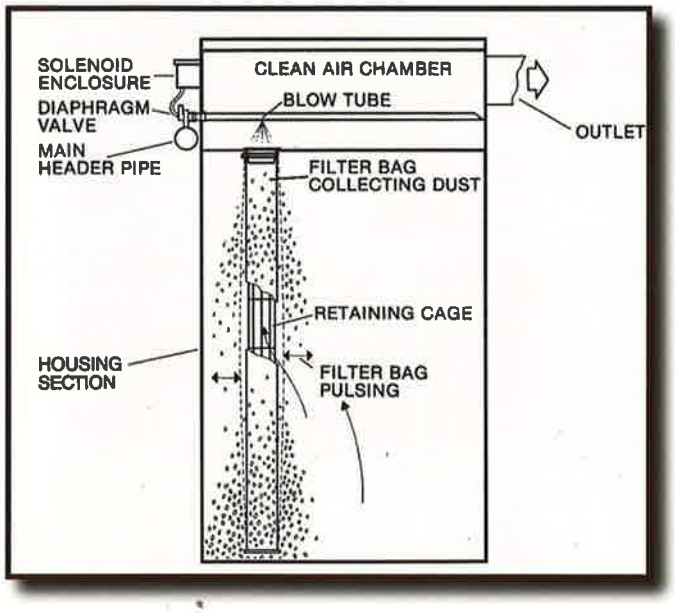
Jet-Pulse Technology... "How it works" continuous cleaning without operator assistance is Jet-Pulse technology.

The technology behind the Hagan Jet-Pulse Dust Collection System is that each row of filter bags is equipped with a solid state sequential timer that energizes a solenoid pilot valve, thus triggering the momentary pulse of compressed air through a blow pipe and down into a row of filter bags. This translates to faster and more objective means of controlling dust at your concrete plant.

As the Jet-Pulse Collection system cleans the enviroronment, it also keeps itself clean and makes it easy for anyone to change our heavy duty, snap-in filter bags.

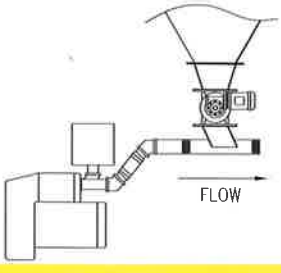
If something doesn't cut your bottom line, it gets cut! The Vince Hagan Company understands this. That's why efficiency of the Jet-Pulse Dust Collection system is important. Our dust control system not only keeps the neighborhood clean and happy, but it also provides the option of recycling the collected dust.

A. Dust laden air enters the collector through the bottom of the housing section.
B. Dust particles are collected on the outside surface of the bags.
C. Filtered air goes to the clean air chamber and is then exhausted through the outlet.
D. Periodic pulsing by compressed air removes the accumulated dust from the bags.
E. Dust falls into a receptacle.
F. Cleaning frequency and duration are adjustable by solid state timers.

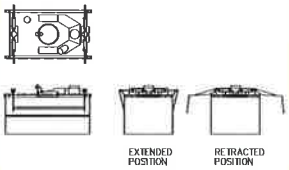


Dust Collection System Options

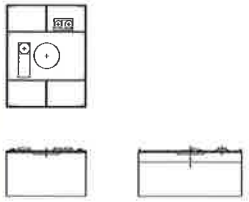
Dust Reclaim with Rotary Vane Feeder



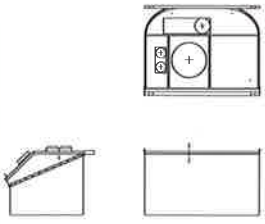
Drive Through Four-Sided Shroud



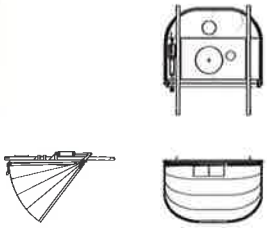
Stationary Fixed Shroud



Shroud Back In



Baby Buggy Shroud



MODEL JP "JET PULSE" CENTRAL DUST COLLECTORS

SPECIFICATIONS
Jet-Pulse Dust Collector

Model	Cloth Area (Sq. Ft.)	No. of Bags	ACFM	Blower H.P.	A/C Ratio
VH-700JP	700	64	4,200	7.5	6:1
VH-1083JP	1083	99	6,500	15	6:1
VH-1094JP	1094	100	6,500	15	6:1
VH-1203JP	1203	110	7,200	15	6:1
VH-1432JP	1423	130	8,500	25	6:1

Hagan Jet-Pulse Filter Bag

Efficiency	99.9% At 1 Microns
Cloth Type	Polyester Felt
Cloth Weave	Polyester .065 (Nom)
Permeability	25 to 45 CFM/Sq. Ft. @ /.5 w.g.
Bag Weight	15.5 ± 1 Oz./Sq. Ft.
Construction	Needle punched self supported
Bag Length	84"
Bag Diameter	6"

SPECIFICATIONS
MODEL VH-245JP

Cloth Filtering Area	245 Sq. Ft.
Number of Cartridges	7
Cartridge Diameter	8.00" O.D.
Cartridge Length	36"
Cloth Type	Spun-Bound Polyester
Cloth Weight	7.7 Oz./Sq. Yd.
Permeability	20 CFM/Sq. Ft. @ 0.5" Water
Temperature Limit	200 Deg. F.
Air Volume Intake	600 CFM@ 0.5" Water
Exhaust Opening Size	0.24 Sq. Ft.
Efficiency	99.9% At 1 Microns

NATIONAL READY MIXED CONCRETE ASSOCIATION

AQMD

PMMD

CPMB MANUFACTURERS BUREAU

VINCE HAGAN

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Dallas, Texas 75265-5141
Sales@VinceHagan.com
1.800.354.3238
WWW.VINCEHAGAN.COM

Baghouse

https://www.vincehagan.com/concrete-batching-equipment/cement-dust-control-collectors/silo-top/

Batch Plant

Example of similar plant:

https://www.dhenoble.com/en/used-con-e-co-lopro-10