

**EXHIBIT B**

January 23, 2013, Industrial Storm Water Inspection Report

**State of California – Environmental Protection Agency  
California Regional Water Quality Control Board – San Francisco Bay Region**

**INDUSTRIAL STORM WATER INSPECTION REPORT**

**FACILITY INFORMATION**

2 281019243	12/30/2004	3271, 3272	Concrete Block and Brick, Concrete Products	
<small>WDID NUMBER</small>	<small>NOI PROCESSING DATE</small>	<small>SIC CODE(S)</small>	<small>TYPE(S) OF INDUSTRIAL ACTIVITY</small>	
Napa Valley Cast Stone, LLC	1111 Green Island Road		American Canyon	95043
<small>FACILITY NAME</small>	<small>ADDRESS</small>		<small>CITY</small>	<small>ZIP</small>
Jeff Latreille Project Manager		707-253-2304	JLatreille@nvcssystems.com	
<small>OWNER OF SITE REPRESENTATIVE PRESENT DURING INSPECTION &amp; TITLE</small>		<small>PHONE NUMBER</small>	<small>EMAIL</small>	

**INSPECTION LOGISTICS**

1/23/2013	1345	1530	Rain (heavy at times)
<small>DATE</small>	<small>ARRIVAL TIME</small>	<small>DEPARTURE TIME</small>	<small>WEATHER CONDITIONS</small>

INSPECTION PRE-ANNOUNCED:  YES  NO    PICTURES TAKEN:  YES  NO    SAMPLES COLLECTED:  YES  NO

**PURPOSE OF INSPECTION**

<input checked="" type="checkbox"/> ROUTINE COMPLIANCE ASSESSMENT	<input type="checkbox"/> COMPLAINT/REFERRAL FOLLOW-UP
<input type="checkbox"/> NOTICE OF TERMINATION REQUESTED <input type="checkbox"/> Facility Closed (date _____) <b>and</b> completely cleaned <input type="checkbox"/> Light industry (SIC code(s) _____) <b>and</b> no exposure (see checklist in Attachment A) <input type="checkbox"/> No storm water discharge because site <input type="checkbox"/> drains to sanitary <input type="checkbox"/> drains to treatment/etc. <input type="checkbox"/> Permit not required for this industry (SIC code(s) _____) <input type="checkbox"/> Regulated by another NPDES permit that covers Stormwater discharge <input type="checkbox"/> New Facility Operator	<input type="checkbox"/> MONITORING REDUCTION REQUESTED <input type="checkbox"/> No Exposure Certification <input type="checkbox"/> Sampling and Analysis Reduction
	<input type="checkbox"/> PREVIOUS INSPECTION/ENFORCEMENT FOLLOW-UP Compliance due date _____
	<input type="checkbox"/> OTHER REASON (PLEASE SPECIFY):

**INSPECTOR'S FINDINGS**

<b>Outcome of inspection</b> <input type="checkbox"/> ISSUE NOTICE TO COMPLY <input checked="" type="checkbox"/> ISSUE NOTICE OF VIOLATION <input type="checkbox"/> APPROVE NOTICE OF TERMINATION <input type="checkbox"/> APPROVE MONITORING REDUCTION <input type="checkbox"/> SITE IN COMPLIANCE <b>Recommendation for follow up or reinspection</b> <input type="checkbox"/> REINSPECT ON: date _____ <input type="checkbox"/> REFER TO LOCAL AGENCY FOR FOLLOW UP <input checked="" type="checkbox"/> OTHER (describe in notes section)	<b>NOTES:</b> This site inspection was conducted by Regional Water Board staff: Cecil Felix and Laurent Meillier. This inspection report notes a number of deficiencies that will need correction by the facility operator.
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Laurent Meillier		3/13/13
<small>INSPECTOR NAME</small>	<small>SIGNATURE</small>	<small>REPORT DATE</small>

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Line Number	“V” if in violation	FILE REVIEW (FR) Questions	(Y/N)	Notes
FR 1		<b>Does the facility have a site map?</b> (Request a copy) <i>If no map, draw one on provided page to be used for the site walk.</i>	Y	
FR 2		Does the site map identify the following:		
FR 3		Drainage paths, storm drains, discharge points	Y Site Map	Drainage basins, discharge locations are mapped.  <b>CORRECTIVE ACTIONS REQUIRED:</b> Include site topography, the vegetated swale and elevation data. This site specific information clarifies how storm water is moving through the facility. The 1997 Industrial Storm Water General Permit (97-03-DWQ or General Permit), section A.4. requires the Storm Water Pollution Prevention Plan (SWPPP) to include a site map with notes, legends, and other data as appropriate.
FR 4		Impervious areas	Y	75 % impervious.
FR 5		Locations with direct exposure, leaks, or spills	Y	Outdoor storage, loading and unloading, wash area and wastewater treatment, roll-offs and washouts, outdoor work area.
FR 6		Industrial activity areas	Y	The purpose of the paved area east of the batch and indoor production plant is not indicated on the site map.  <b>CORRECTIVE ACTION REQUIRED:</b> Include on the site map legend the purpose of this paved industrial area. The General Permit, section A.4.e requires the SWPPP to include a site map with locations of all storage areas and storage tanks, shipping and receiving areas, fueling areas, vehicle and equipment storage/maintenance areas, material handling and processing areas, waste treatment and disposal areas, dust or particulate generating areas, cleaning and rinsing areas, and other areas of industrial

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FR 6 (cont'd)				activity which are potential pollutant sources.
FR 7		<i>Additional specific comments regarding the map</i>		
FR 8		<b>Does the facility have a SWPPP?</b>	Y	
FR 9		Is the SWPPP site-specific and coordinated with the site map?	Y	
FR 10		Does the SWPPP identify the specific members (and responsibilities) of the Pollution Prevention Team?	Y	The SWPPP is not certified by the Manufacturing Manager (Tom Brown), who is identified as the supervisor for the industrial storm water program at the facility.  <b>CORRECTIVE ACTION REQUIRED:</b> The SWPPP must be signed. The General Permit, section C.9.b. orders all reports, certifications, or other information required by the General Permit or requested by the Regional Water Board, the State Water Board, U.S. EPA, or local storm water management agency to be signed by a duly authorized representative.
FR 11		Does the SWPPP discuss Industrial Processes, Material Handling and Storage Areas, Dust and Particulate Generating Activities, Significant Spills and Leaks, Non-Storm Water Discharges, and Soil Erosion?	Y	
FR 12		<i>Additional specific comments regarding the SWPPP</i>	Photo A	Regional Water Board staff inspected the wash and wastewater areas. Above-ground storage tanks were contained within a berm to dispense chemicals to wash products and to neutralize process water for reuse. Neither the segregation of process water from storm water nor the neutralization of process water prior to reuse is sufficiently explained in the SWPPP.

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Line Number	“V” if in violation	FILE REVIEW (FR) Questions	(Y/N)	Notes
FR 12 (cont'd)				<b>CORRECTIVE ACTION REQUIRED:</b> Submit technical information about these process and applicable engineering specifications for design of the wastewater treatment and containment system located at the facility. The General Permit, section A.6.a.i. requires the description of each industrial process, manufacturing, cleaning, rinsing, recycling, disposal, or other activities related to the process. Where applicable, areas protected by containment structures and the corresponding containment capacity shall be described.
FR 13		Does the facility have <b>readily available monitoring records</b> for the past five years?	NE	The five years monitoring record was not evaluated (NE) during this Regional Water Board staff site inspection.
FR 14		Spot check the 12 months of monitoring records:	Y	The 2011-2012 Annual Storm Water Report was reviewed upon return from the facility inspection.
FR 15		Has the discharger visually inspected, <b>quarterly</b> , for unauthorized non-storm water discharges?	Y	
FR 16		Has the discharger visually inspected storm water discharges in <b>one storm event per month</b> during the wet season?	Y	
FR 17		Do the above records indicate person conducting the sampling, date and time, observation and corrective actions if needed?	Y	
FR 18		Has the discharger collected storm water samples during the first storm event of the year and one other storm event after?	N	According to the 2011-2012 annual industrial storm water report, the Napa Valley Cast Stone states: “We did not have an opportunity to perform our samples because light rain produced insufficient discharge to perform sampling, there was not three dry working days between rain events, rain events occurred during non- business hours, or there was no qualifying rain event for the month.” As of February 2013, it is unknown if the Napa Valley Cast Stone sampled and analyzed storm water during the 2012-2013 season.

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Line Number	“V” if in violation	FILE REVIEW (FR) Questions	(Y/N)	Notes
FR 18 (cont'd)				<b>CORRECTIVE ACTION REQUIRED:</b> Sample and analyze storm water samples from the earliest rain event available. The General Permit, section B.5. requires facility operators to collect storm water samples during the first hour of discharge from (1) the first storm event of the wet season, and (2) at least one other storm event in the wet season. All storm water discharge locations shall be sampled. The inspection was conducted during a rain qualifying event <sup>1</sup> .
FR 19		Which constituents were sampled and analyzed?	None	No storm event sampling during the 2011-2012 reporting period. See comment in FR 18 above.  <b>CORRECTIVE ACTION REQUIRED:</b> Analyze the storm water sample for pH, Total Suspended Solids, Total Organic Carbon, Specific Conductance, Iron, Oil and Grease and other pollutants likely to be present in storm water discharges in significant quantities. Table D (Sector E4 page 42) of the General Permit lists additional applicable parameters specific to this industry.
FR 20		Are any on-site monitoring devices used? If yes,	N	
FR 21		➤ For which constituents?		
FR 22		➤ Does the discharger have calibration and maintenance records for each on-site monitoring device used?		
FR 23		<i>Additional specific comments regarding the monitoring records</i>		

<sup>1</sup> <http://www.frogenv.com/ca-stormwater-rain-information>

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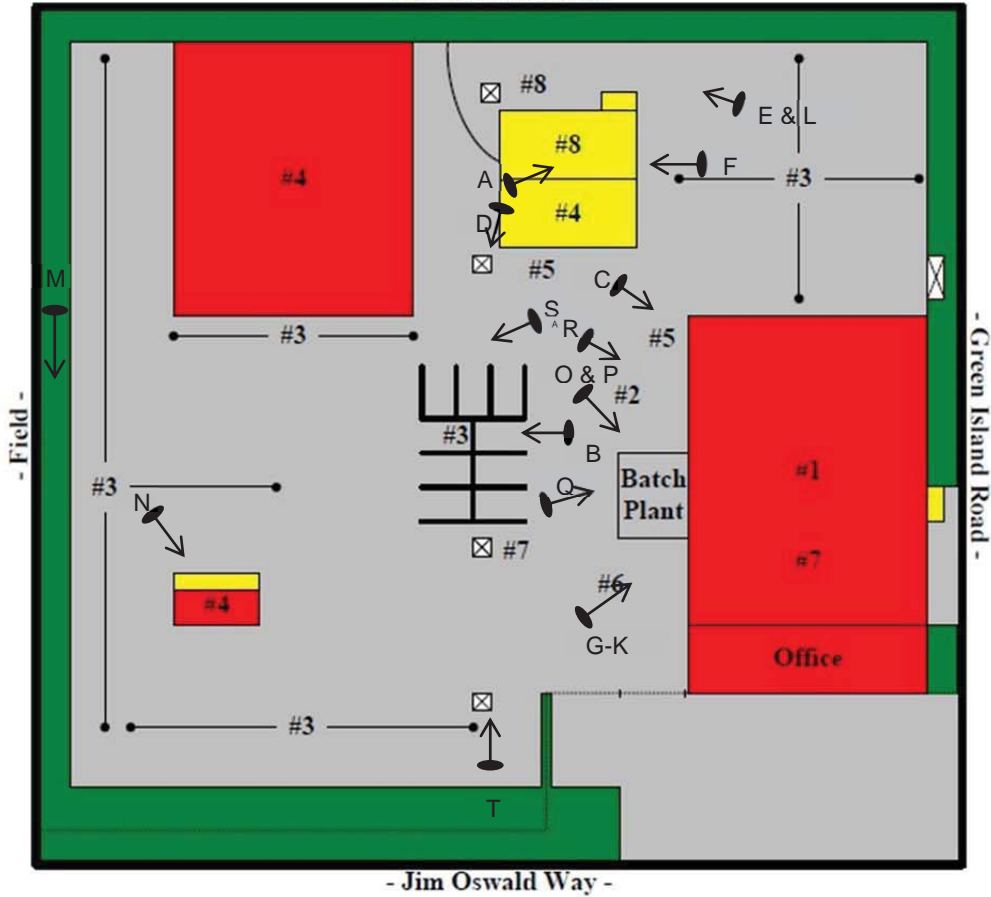
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Original Site Map from Napa Valley Cast Stone SWPPP

Frog Environmental, LLC 2012

1111 Green Island Road, American Canyon, CA 94503

- Green Island Road -



- #1 - Batch Plant and Indoor Production
- #2 - Outdoor Work Areas
- #3 - Outdoor Storage
- #4 - Covered Storage
- #5 - Roll-offs and Washouts
- #6 - Loading and Unloading
- #7 - Operational Equipment
- #8 - Wash Area and Wastewater Treatment Area

- Building
- Covered Area
- Landscaped/ Grassy Swale
- Paved Area
- X - Drop Inlets
- - Fencing



Photographer's Position. ●→

Photograph's Direction

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**Prohibited Non-Storm Water Discharges** (Anything other than fire hydrant flushing; potable water sources; drinking fountain water; atmospheric condensates; irrigation drainage; landscape watering; springs; ground water; foundation or footing drainage; and sea water infiltration where the sea waters are discharged back into the sea water source.) *Use additional page(s) as needed.*

Row Number	Mark "V" if in violation	Observed prohibited non-storm water discharge (Yes or No)	Evidence of prohibited non-storm water discharge (Yes or No)	Photo(s) taken (Yes or No)	Location and Description (mark site map with row number)
NS - 1	V	Yes	Yes	Yes Photos B, C & D	Storage bins were discharging concrete-related materials (cement, aggregate, volcanic aggregate, sand) to storm water. Sand and gravel were observed near a drop inlet.  <b>CORRECTIVE ACTION REQUIRED:</b> Implement best management practices to control the discharge of non-storm water to waters of the United States. The General Permit, section A.1. states that materials other than storm water (non-storm water discharges) discharging either directly or indirectly to waters of the United States are prohibited (except in special conditions).
NS - 2	V	N	N	Y Photos E, F, G, H, I, J, K, L	Barrels of muriatic acid and other chemicals (Stypol, Pozzolith, MBAE 90) were stored without cover and secondary containment.  <b>CORRECTIVE ACTION REQUIRED:</b> Implement best management practices to control a chemical leak or spill from discharging and polluting storm water. Secure all chemical containers and store this material under cover within a secondary containment system designed. The General Permit, section 8.b.iv. lists secondary containment structures for the purpose of collecting any leaks or spills.
Row Number	Mark "V" if in violation	Observed prohibited non-storm water discharge (Yes or No)	Evidence of prohibited non-storm water discharge (Yes or No)	Photo(s) taken (Yes or No)	Location and Description (mark site map with row number)



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NS – 3	V	Y	Y	Y Photos M & N	<p>Industrial refuse was observed throughout the facility during the Water Board staff inspection. The refuse consisted of Styrofoam, plastics, wooden parts, packaging, degraded cover, metal and plastic pipes, cement and gravel. The Napa Valley Cast Stone’s representative stated that the facility is swept on a weekly basis. What we observed was not sufficient to prevent refuse from mixing with storm water or accumulating in the vegetated swale.</p> <p><b>CORRECTIVE ACTION REQUIRED:</b> Implement procedures to control refuse from polluting storm water and impacting beneficial uses. The General Permit, section 8.a.i. requires procedures to maintain a clean and orderly facility.</p>
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**Implementation of Inadequate SWPPP and BMPs** (Reduction or Prevention of Pollutants in Storm Water by Achieving “Best Available Technology/Best Conventional Technology”) *Use additional page(s) as needed.*

In the Row Number Column, please mark the number with one of the following prefixes: <b>Material Handling, Storage (MH,S)</b> <b>Dust and Particulate Generating Activities (D,P)</b>	<b>Industrial Processes (IP)</b> <b>Soil Erosion (SE)</b> <b>Other (O)</b>
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Row Number	Mark “V” if in violation	Pollutant description and location	Isolated from storm water (Y/N)	Captured/ contained (Y/N)	Treated and/or routed to sanitary (Y/N)	General House-keeping and Maintenance (Good/Bad)	Photo(s) taken (Y/N)	Notes
MH, S, D, P	V	Storm water with sediment	N	N	N	Bad	Y Photo O	Vehicle tracking of sediment and concrete-related materials mixing with storm water was observed during the site inspection.  <b>CORRECTIVE ACTION REQUIRED:</b> Implement best management practices at the facility to control tracking and mixing of concrete-related materials and sediments with storm water. The General Permit, section 8.b.iii., requires the implementation of structural BMPs to channel or route run-on and runoff away from pollutant sources.

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S	V	Storm water with concrete-related materials	N	N	N	Bad	Y Photos P, Q, R, S	<p>Storage bins containing concrete-related materials were insufficiently maintained. Cement spilled from a hopper was observed mixing with storm water. The material spilled was not removed or cleaned up during our inspection. A process water settlement basin did not include an overflow control mechanism. Protective cover placed over the waste pile was not secured at all points and observed fluttering in the weather.</p> <p><b>CORRECTIVE ACTION REQUIRED:</b> Remove concrete-related and other materials inadvertently spilled or discharged at the facility property. The General Permit, section 6.ii. requires procedures including the following: a description of each handling and storage area; the type, characteristics, and quantity of significant materials that are handled or stored; a description of the shipping, receiving, and loading procedures; and spill or leak prevention and response procedures. Where applicable, areas protected by containment structures and the corresponding containment capacity shall be described. Section 6.iv of the Storm Water General Permit, requires the description of materials that have spilled or leaked in significant quantities in storm water discharges or non-storm water discharges since April 17, 1994, and this list shall be updated as appropriate during the term of this General Permit.</p>

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O	V	Storm water with sediment and pollutants	N	N	N	Bad	Y Photo T	<p>A fiber roll was incorrectly maintained allowing some storm water to reach the drop inlet without filtration through the wattle. A sheen of unknown origin was observed besides the fiber roll.</p> <p><b>CORRECTIVE ACTION REQUIRED:</b> Inspect the facility on a regular basis and promptly maintain deficient pollution prevention controls and engineered storm water pollution control systems. The General Permit, section C.5. requires the facility operator to properly operate and maintain any facilities and systems of treatment and control (and related appurtenances) which are installed or used by the facility operator to achieve compliance with the conditions of this General Permit and with the SWPPPs.</p>

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**Photo A:** Wastewater Treatment Area with liquid of Unknown origins in containment



**Photo B:** Outdoor Aggregate Materials Storage



**Photo C:** Accumulated concrete related materials near worn wattle



**Photo D:** Storm Water Drop Inlet w/ Accumulated Sand



**Photo E:** Outdoor Storage of Muriatic Acid (hydrochloric acid)

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**Photo F:** Outdoor Chemical Storage  
 Muriatic Acid Barrel located in Wastewater Area



**Photo G:** Outdoor Chemical Storage of Stypol C112-002



**Photo H:** Unsecured Outdoor Chemical (Pozzolith) Storage Without Secondary Containment



**Photo I:** Stypol C112-002 Resin Additive Container Label



**Photo J:** Pozzolith Concrete Admixture Label



**Photo K:** MBE 90 Concrete Admixture

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Photo L: Muriatic Acid Label



Photo M: Trash at the Facility Property



Photo N: Deteriorating Cover



Photo O: Inadequate Industrial Material (aggregates and sand) Storage with Tracking



Photo P: Aggregate mixing with Storm Water



Photo Q: Aggregate Spill

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**Photo R:** Process Water Settlement basin without Overflow Control



**Photo S:** Unsecured Cover in place over Concrete-related Materials



**Photo T:** Unmaintained Fiber Roll and Oily Sheen