

APPENDIX C

**INVESTIGATIVE DERIVED WASTE DOCUMENTATION
FIRST QUARTER 2013**



City of Phoenix
WATER SERVICES DEPARTMENT
ENVIRONMENTAL SERVICES DIVISION

January 29, 2013

Mr. Arthur Gordon
Project Manager
Terranext LLC
4050 East Cotton Center Boulevard, Suite 73.
Phoenix, Arizona 85040

RE: Manhole Entry & Temporary Discharge Permit, West Van Buren WQARF site.

Dear Mr. Gordon:

The Environmental Services Division (ESD) received your application on January 25, 2013, which requests permission to discharge approximately 28,375 gallons of well purge water to the City of Phoenix Sanitary Sewer at Manholes № 9-11-302, 9-13-207, 9-16-202, 9-23-203, 9-26-310, 10-23-111 and 11-16-302.

Approval is hereby granted for the discharge of approximately 28,375 gallons of well purge from the above site into the City of Phoenix Sanitary Sewer. The discharge's via the City of Phoenix Sanitary Sewer at Manholes № 9-11-302, 9-13-207, 9-16-202, 9-23-203, 9-26-310, 10-23-111 and 11-16-302 is expected to occur some time during the time period of February 25 through March 29, 2013. In order to avoid hydraulic overloading of the sewer mains in the area, this discharge shall not exceed a flow rate of 100 gallons per minute.

It appears that the 28,375 gallons of well purge water will meet the requirements under Chapter 28 of the Phoenix City Code. The well purge water is also determined not to be of sufficient quantity to injure or interfere with any sewage treatment process, cause corrosive structural damage, constitute a hazard to humans, or create any hazard to the sewer system, or in the receiving waters of the sewage treatment plant.

Please submit a final status report to ESD within 10 (ten) days of discharge. This report shall include the date of discharge, time of day the discharge occurred, and the total gallons of wastewater discharged.

RECEIVED

JAN 29 2013

**WATER SERVICES
ENVIRONMENTAL SERVICES
DIVISION**

Should you have any questions, contact me at 602-534-2081, from 7:00 a.m. to 3:00 p.m., Monday through Friday.

Sincerely,

Cliff Bain
Water Quality Inspector

Enclosure: Temporary Discharge & Manhole Entry Permit

Document № 13ESD-01

c: John Cummings, Chief Water Quality Inspector



City of Phoenix
WATER SERVICES DEPARTMENT
ENVIRONMENTAL SERVICES DIVISION

TEMPORARY DISCHARGE & MANHOLE ENTRY PERMIT

The City of Phoenix, acting through the Water Services Department, hereby issues a Temporary Discharge and Manhole Entry Permit (Permit) to:

Terranext
4050 East Cotton Center Boulevard, Suite 73
Phoenix, Arizona 85040

Hereinafter called Permittee, for the purpose of entering City of Phoenix manholes № 9-11-302, 9-13-207, 9-16-202, 9-23-203, 9-26-310, 10-23-111 and 11-16-302 in Phoenix, Arizona, to dispose of well purge water from West Van Buren WQARF Site.

The Permit is issued in accordance with Phoenix City Code Chapter 28 Sections 28-8 and 28-27 and subject to the following conditions:

1. That the only activities authorized by the permit are for the disposal of well purge water generated from West Van Buren WQARF Site. The Permittee shall conduct no other activity while entering upon the public property authorized by this permit.
2. That the Permittee's activities are conducted only within the time period February 25 through March 29, 2013 unless authorized in writing by the Water Services Director for an extension of time, or unless revoked earlier, and that the Permittee notify the Water Services Department in advance of each separate entry.
3. Permittee shall measure and record the flow of the well purge water discharged to manholes № 9-11-302, 9-13-207, 9-16-202, 9-23-203, 9-26-310, 10-23-111 and 11-16-302. All flow data recorded shall be submitted to the Environmental Services Division within ten (10) days of completion.
4. Permittee shall measure and record the pH of the well purge water discharged to Manholes № 9-11-302, 9-13-207, 9-16-202, 9-23-203, 9-26-310, 10-23-111 and 11-16-302. All pH data recorded shall be submitted to the Environmental Services Division within ten (10) days of completion.
5. That the Permittee obtain a street closure permit for restrictions of all streets, sidewalks, and alleys. Manholes located in major streets require street closure. Please contact the City of Phoenix Street Transportation Department Right-of-Way Management at (602) 262-6235 for street closure procedures and a permit.
6. That the Permittee, when finished with the removal and discharge activities, replace to the satisfaction of the Water Services Director, any manhole covers or other

disturbances to the City of Phoenix sewer lines that Permittee caused during the course of Permittee activities. That the Permittee agrees to save and hold harmless, the City, any of its departments, agencies, officers or employees from all costs and damages occurred by any of the above from any damage to any person or property whatsoever which is caused by the activity, condition or event arising out of the negligent performance or nonperformance of any of the provisions of this permit by the Permittee, any of the Permittee's agents, or any of the Permittee's independent contractors. The above costs incurred by the City, any of its departments, agencies, officers or employees shall include in the event of any action, court cost, expensive litigation and reasonable attorney fees. When any of the above costs and/or damages occurs as aforesaid, the Permittee assumes the burden of proof that the negligent activity, condition or event did not cause such cost damage or other expense the City may incur.

The Permittee agrees to the conditions set forth in this permit, and understands that all activities conducted under the conditions of this permit should conform to the laws of the City of Phoenix and the State of Arizona.

Dated this 29th day of Jan, 2013.

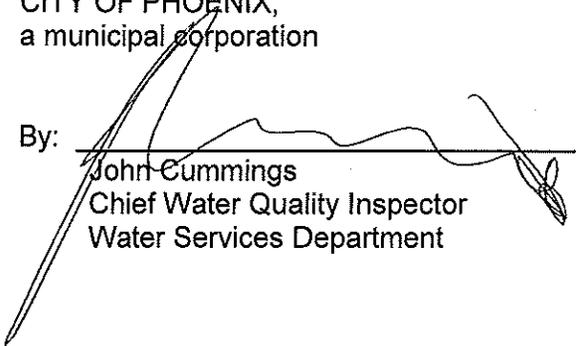
 _____, Terranext

Permittee

Dated this 29th day of January, 2013.

CITY OF PHOENIX,
a municipal corporation

By:



John Cummings
Chief Water Quality Inspector
Water Services Department



A Woman Owned Business Enterprise

4050 E. Cotton Center Blvd., Suite 73, Phoenix, AZ 85040

March 25, 2013

Terranext Project No. 03103154

Mr. Clif Bain
Water Services Department
Pollution Control Division
2474 S. 22nd Avenue, Bldg 31
Phoenix, Arizona 85009

Re: Notification of Discharge of Groundwater into the City of Phoenix Sanitary Sewer

Dear Mr. Bain:

Terranext, on behalf of the Arizona Department of Environmental Quality (ADEQ), discharged purged groundwater into the following City of Phoenix sanitary sewer manholes:

- #207 in quarter section 9-13
- #302 in quarter section 9-11
- #202 in quarter section 9-16
- #111 in quarter section 10-23
- #203 in quarter section 9-23
- #302 in quarter section 11-16
- #310 in quarter section 9-26

Discharge was performed from April 25 through March 21, 2013 in general accordance with the January 29, 2013 manhole entry permit obtained from your office. Purge water was transferred to the sanitary sewer with a transfer pump and via gravity. A total of 17,460 gallons were discharged. The attached tables indicate which manholes were utilized for specific wells, times, and days. It also displays how many gallons were discharged into each manhole.

Terranext appreciates your time and cooperation regarding the manhole entry permit. If you have any questions regarding this information or require additional information, please call.

Sincerely,

Terranext

Arthur Gordon
Project Manager

20139124-7

GENERATOR	NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number INDUSTRIAL 1	2. Page 1 of 1	3. Emergency Response Phone (702) 308 4149	4. Waste Tracking Number 51079	
	5. Generator's Name and Mailing Address ADEO / WELLS AVE 20-03 4050 E COTTON CENTER BLVD STE# 73 PHOENIX AZ 85040 Generator's Phone: 602 408 4100			Generator's Site Address (if different than mailing address) ADEO / WELLS AVE 20-03 4809 WHADLEY PHOENIX AZ 85043		
	6. Transporter 1 Company Name 1170 ENVIRONMENTAL (AZ)			U.S. EPA ID Number 670000500110		
	7. Transporter 2 Company Name			U.S. EPA ID Number		
	8. Designated Facility Name and Site Address LIQUID ENVIRONMENTAL SOLUTIONS, INC 5150 WEST VAN BUREN PHOENIX AZ 85043 Facility's Phone: 602 278 3330			U.S. EPA ID Number 670000300452		
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit WL/Vol.	
		No.	Type			
1. Non-hazardous, Non-regulated, Industrial liquid waste (IDWWater)		2	DM	110	g	
2.						
3.						
4.						
13. Special Handling Instructions and Additional Information 1) PROFILES* (NON HAZ IOW WATER) WEAR APPROPRIATE SAFETY EQUIPMENT IF UNDERDRAINAGE, NOTIFY IRO 2) PROFILES* 3) PROFILES* 4) PROFILES*						
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.						
Generator's/Offoror's Printed/Typed Name Gregory K. Whallon		Signature <i>Gregory K. Whallon</i>		Month 4	Day 10	
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:				
16. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Joe Dalluge		Signature <i>Joe Dalluge</i>		Month 6	Day 10	
Transporter 2 Printed/Typed Name		Signature		Month	Day	
17. Discrepancy						
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
17b. Alternate Facility (or Generator)				U.S. EPA ID Number		
Facility's Phone:						
17c. Signature of Alternate Facility (or Generator)				Month	Day	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a						
Printed/Typed Name Kevin Brandt		Signature <i>KB</i>		Month 4	Day 12	