

ADDENDUM ONE

(please sign and return with the submittal)

CHANGES:

Offer Due Date - October 16, 2024 at 11:00 AM

New Bid Opening Link:

Join from the meeting link

<https://phxpublicworks.webex.com/phxpublicworks/j.php?MTID=m22d7639c2f76d49e34eb79c38fd1aecf>

QUESTIONS AND ANSWERS:

Note: Spelling, grammar, and punctuation of the questions are shown exactly as submitted by the potential respondents.

No.	Question	Answer
1.	Per your request, I wanted to quickly recap the question I asked during the meeting for documentation purposes. My question was: "How would you like me to address the requested methods that are not certifiable within the state of AZ?"	Please make a notation, preferably in the Excel spreadsheet for those chemical constituents that have no certification available from the State of Arizona.
2.	Could you please provide the analytical list for the Groundwater Sampling Kits for 27th Ave Landfill Groundwater (section 3.23 GROUNDWATER SAMPLING KITS in SOW). All of the other locations have the parameters listed, with the exception of 27th Ave Landfill.	See Attachment 1 below
3.	Can you also confirm that the price for each kit listed here should include the associated analysis costs and not just the coolers, sample bottles, preservatives, and water. I tried to join the pre-bid meeting but had some trouble logging in and by the time I got on nobody was there.	The price needs to include not only the sample bottles but also the cost of the analysis as well as reporting the results back to the City.
4.	For the blue highlighted sections, I'm unable to locate the analyte/method list, similar to what was provided for the other sampling kits. Could you provide the analyte/method list for those kits or point me in the right direction if I missed them in the contract?	The analytical list for Item 2 19th Avenue Option B begins at the top of page 25. The analytical list for Annual Brine Leachate starts on the bottom of page 26, and SR85 APP RO starts on page 28.

KIT ITEM	GROUNDWATER SAMPLING KIT
1	19 th Ave Landfill Groundwater - Option A
2	19 th Ave Landfill Groundwater - Option B
3	27 th Ave Landfill Groundwater
4	SR85 Landfill Groundwater
5	Skunk Creek Landfill Groundwater
6	Annual Brine Leachate Wastewater
7	SR85 APP RO Wastewater
8	Landfill Condensate Wastewater

The balance of the specifications and instructions remain the same. Bidder must acknowledge receipt and acceptance of this addendum by signing below and returning the entire addendum with the bid or proposal submittal.

Name of Company: _____

Address: _____

Authorized Signature: _____

Print Name and Title: _____

**Table 4
Proposed Groundwater Monitoring Parameters,
Reporting Limits, and Alert Levels
City of Phoenix 27th Avenue Landfill**

	AWQS	Proposed Reporting Limits	Proposed Alert Levels
Meta(s) (mg/L)			
arsenic	0.05	0.005	0.0307
barium	2	0.05	0.112
cadmium	0.005	0.005	0.005
chromium	0.05	0.01	0.017
lead	0.05	0.005	0.005
mercury	0.002	0.0002	0.0002
selenium	0.05	0.005	0.005
silver		0.05	0.05
VOCs (µg/L)			
1,1,1-trichloroethane	200	2	2
1,1,2-trichloroethane	5	2	2
1,1,1,2-tetrachloroethane		2	2
1,1,2,2-tetrachloroethane		2	2
1,2-dibromo-3-chloropropane	0.2	0.2	0.2
1,2-dibromoethane	0.05	0.05	0.05
1,1-dichloroethane		2	2
1,1-dichloroethene	7	2	2
1,2-dichlorobenzene	600	2	2
1,2-dichloroethane	5	2	2
1,2-dichloropropane	5	2	2
1,2,3-trichloropropane		2	2
1,4-dichlorobenzene	75	2	2
2-hexanone		2	2
4-methyl-2-pentanone		2	2
acetone		10	10
2-butanone		10	10
benzene	5	2	2
bromochloromethane		2	2
bromodichloromethane **		2	2
bromoform **		2	2
bromomethane		5	5
carbon disulfide		2	2
carbon tetrachloride	5	2	2
chlorobenzene	100	2	2
chloroethane		5	5
chloroform **		2	2

Table 4 (continued)

	AWQS	Proposed Reporting Limits	Proposed Alert Levels
VOCs (µg/L) (continued)			
chloromethane		5	5
cis-1,2-dichloroethene	70	2	2
cis-1,3-dichloropropene		2	2
dibromochloromethane **		2	2
dibromomethane		2	2
ethylbenzene	700	2	2
iodomethane		2	2
→ dichloromethane	5	2	2
styrene	100	2	2
tetrachloroethene	5	2	2
toluene	1000	2	2
total xylenes	10000	6	6
trans-1,2-dichloroethene	100	2	2
trans-1,3-dichloropropene		2	2
trans-1,4-dichloro-2-butene		10	10
trichloroethene	5	2	2
trichlorofluoromethane		2	2
vinyl acetate		10	10
vinyl chloride	2	2	2

Notes:

**Total of trihalomethanes not to exceed 100

mg/L = milligrams per liter

µg/L = micrograms per liter

AWQS = Aquifer Water Quality Standards per Arizona Administration Code, Title 18, Chapter 11

Table 5

**Optional Groundwater Monitoring Parameters
City of Phoenix 27th Avenue Landfill**

	AWQS	Proposed Percentage (%)
Metals (mg/L)		
copper		0.015
nickel	0.1	0.02
thallium	0.002	0.001
zinc		0.02
General Inorganics (mg/L)		
boron		0.2
calcium		
magnesium		
potassium		
sodium		
chloride		
sulfate		
total alkalinity [as CaCO ₃]		
fluoride	4	0.4
total dissolved solids		
nitrate as nitrogen	10	0.5
ammonia as nitrogen		0.1
pH		

Notes:

mg/L = milligrams per liter

µg/L = micrograms per liter

AWQS = Aquifer Water Quality Standards per Arizona Administration Code, Title 18, Chapter 11