APPENDIX A-1
FINAL STATUS SURVEY RESULTS

Survey Unit Description & Survey Unit Number:	FSS survey of manholes			Survey Log Number:	7793 R 170314					Date:	3/14/2017
Technician(s): Print/Sign/Date	Thomas Yardy 3-16-17			Reviewed by: Print/Sign/Date	Clark Evers 3/16/17					Time:	16:30
Instrument # 1				Instrument # 2				Tennelec			
Instrument & Probe:	Lud 2360 43-89 M	MDA (dpm/100cm²):	637.9	Instrument & Probe:	N/A	MDA (dpm/100cm²):	N/A	Unit #:	2	Cal Due:	12/8/17
Instrument SN:	278647	Bkg 1:	239	Instrument SN:	N/A	Bkg 1:	N/A	Alpha Bkg:	0.7	Beta Bkg:	2.3
Cal Due Date:	10/1/2017	Bkg 2:	263	Cal Due Date:	N/A	Bkg 2:	N/A	Alpha Eff:	20.3%	Beta Eff:	19.4%
Probe Size:	125	Bkg 3:	198	Probe Size:	N/A	Bkg 3:	N/A	Alpha MDA (dpm):	16.6	Beta MDA (dpm):	28.9
Weighted Eff.:	9.0%	Ave. Bkg:	233	Weighted Eff.:	N/A	Ave. Bkg:	N/A	Batch No:	53139		

Comments: 100 % scan of all interior surfaces was performed with one biased measurement taken at location where contamination is most likely. MH-23 has two biased location measurements due to manhole configuration.

Sample No.	Instrument Number (i.e., 1 or 2)	Description	Removable Alpha		Removable Beta		Total Contamination (α + β)		DCGL Fraction
			Net CPM	DPM / 100cm²	Net CPM	DPM / 100cm²	Gross CPM	DPM / 100cm²	
1	1	FSS survey of MH-07	-0.7	0.0	0.9	4.5	662	3829	0.20
2	1	FSS survey of MH-25	-0.7	0.0	-2.1	0.0	191	0	0.00
3	1	FSS survey of MH-06	1.3	6.3	1.4	7.1	213	0	0.00
4	1	FSS survey of MH-09	0.3	1.5	0.6	3.2	250	149	0.01
5	1	FSS survey of MH-18	0.3	1.5	-0.4	0.0	503	2409	0.13
6	1	FSS survey of MH-03	0.3	1.5	-0.4	0.0	364	1167	0.06
7	1	FSS survey of MH-23	-0.7	0.0	0.9	4.5	329	855	0.05
8	1	FSS survey of MH-23	-0.7	0.0	-1.1	0.0	339	944	0.05
9	1	FSS survey of MN-24	0.3	1.6	-2.4	0.0	301	604	0.03
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A