

76858



3636

GRIO 76858

VERSION 5/9/94

PROCESS FLOW REDUCTIONS FROM WASTE MINIMIZATION FOR VALUE ENGINEERING STUDY

EPA	FACILITIES	ROOF	CURRENT	CURRENT	PROCESS GPY FLOW			
OUTFALL	FEEDING	RAIN DRAINS	GPY	GPY	UPON COMP.			
NO.	OUTFALL	CONNECTED	FLOW	PROCESS	TO	OF REDUCTION	SUMP	
		TO OUTFALL?	FROM RAIN	FLOW	OUTFALL	PROPOSALS	STATUS	COMMENTS
05A-052	TA-16-380***	YES	45,000	0	45,000	0	ELIMINATE	100% RAIN DRAIN OUTFALL
05A-053	TA-16-410	YES	103,000	21,000	124,000	1000	PLUG	100% RAIN DRAIN OUTFALL
05A-054	TA-16-340	NO	0	3,568,800	3,568,800	18,900	PLUG	TRUCK SUMPS EVERY 2 MONTHS
05A-056	TA-16-260	NO	0	2,525,600	2,525,600	36,800	PLUG	TRUCK 7 SUMPS MONTHLY, 6 ANNUALLY
05A-057	TA-16-265***	NO	0	0	0	0	ELIMINATE	100% RAIN DRAIN OUTFALL
05A-058	TA-16-300, 301, 302 303, 304, 305, 306, 307	YES	227,700	5,093,000	5,320,700	26,400	PLUG	TRUCK SUMPS SEMI-ANNUALLY, 100% RAIN DRAIN OUTFALL
05A-061	TA-16-280	YES	65,851	0	65,851	1000	PLUG	100% RAIN DRAIN OUTFALL
05A-062	TA-16-342	NO	0	4,600	4,600	900	PLUG	TRUCK SUMP SEMI-ANNUALLY
05A-063	TA-16-400	NO	0	4,600	4,600	4,600	PLUG	TRUCK SUMP QUARTERLY
05A-066	TA-9-21,28,29,32,33,40	YES	741,464	3,617,700	4,359,164	16,800	PLUG	TRUCK SUMPS MONTHLY, 100% RAIN DRAIN OUTFALL
05A-067	TA-9-34, 35, 37, 38, 42 43, 45, 46	YES	327,624	4,600	332,224	4,600	PLUG	TRUCK SUMPS ANNUALLY, 100% RAIN DRAIN OUTFALL
05A-068	TA-9-48	YES	62,334	1,100,000	1,162,334	3,400	PLUG	TRUCK SUMP SEMI-ANNUALLY, 100% RAIN DRAIN OUTFALL
05A-069	TA-11-50	NO	0	7,000	7,000	2,100	PLUG	TRUCK SUMP 6 TIMES/YEAR
05A-071	TA-16-430	NO	0	36,000	36,000	7,500	PLUG	TRUCK SUMPS QUARTERLY
05A-072	TA-16-460*	NO	0	3,859,000	3,859,000	0	PLUG	FACILITY WILL CLOSE IN 1994, ELIMINATE OUTFALL
05A-096	TA-11-51	NO	0	7,000	7,000	2,100	PLUG	TRUCK SUMP 6 TIMES/YEAR
05A-097	TA-11-52	NO	0	7,000	7,000	2,100	PLUG	TRUCK SUMP 6 TIMES/YEAR
05A-149	TA-16-267***	NO	0	0	0	0	ELIMINATE	ELIMINATE OUTFALL
05A-154	TA-40-41	NO	0	2,300	2,300	2,300	NO SUMP	ELIMINATE OUTFALL / INSTALL STORAGE TANK
05A-159	TA-16-360***	NO	0	0	0	0	ELIMINATE	ELIMINATE OUTFALL
		TOTAL (GPY)	1,572,973	19,858,200	21,431,173	130,500		

130,500 GPY would be the amount treated at the new treatment facility and going to outfall 05A-055 (located at TA-16 Burning Ground)

Quantities of wastewater shown that are to be trucked from sumps are maximum potential amounts. Actual amounts will be approximately 50% of quantities shown. Maximum values are to be used as design quantities for waste water requiring treatment.

Rain runoff from roof drains is based upon 20" annual rainfall. Max GPD includes roof rain runoff if roof drains are connected to outfall.

HE constituents and COD for the 130,500 GPY will be 20 ppm or 20mg/L

RECEIVED  
SEP 23 2003  
By: AAP-PA

\* Facility scheduled for closure in calendar year 1994. Eliminate 05A outfall or designate as rain drain only.

\*\*\* Sumps are 1. Eliminate 05A outfall or designate as rain drain only.

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