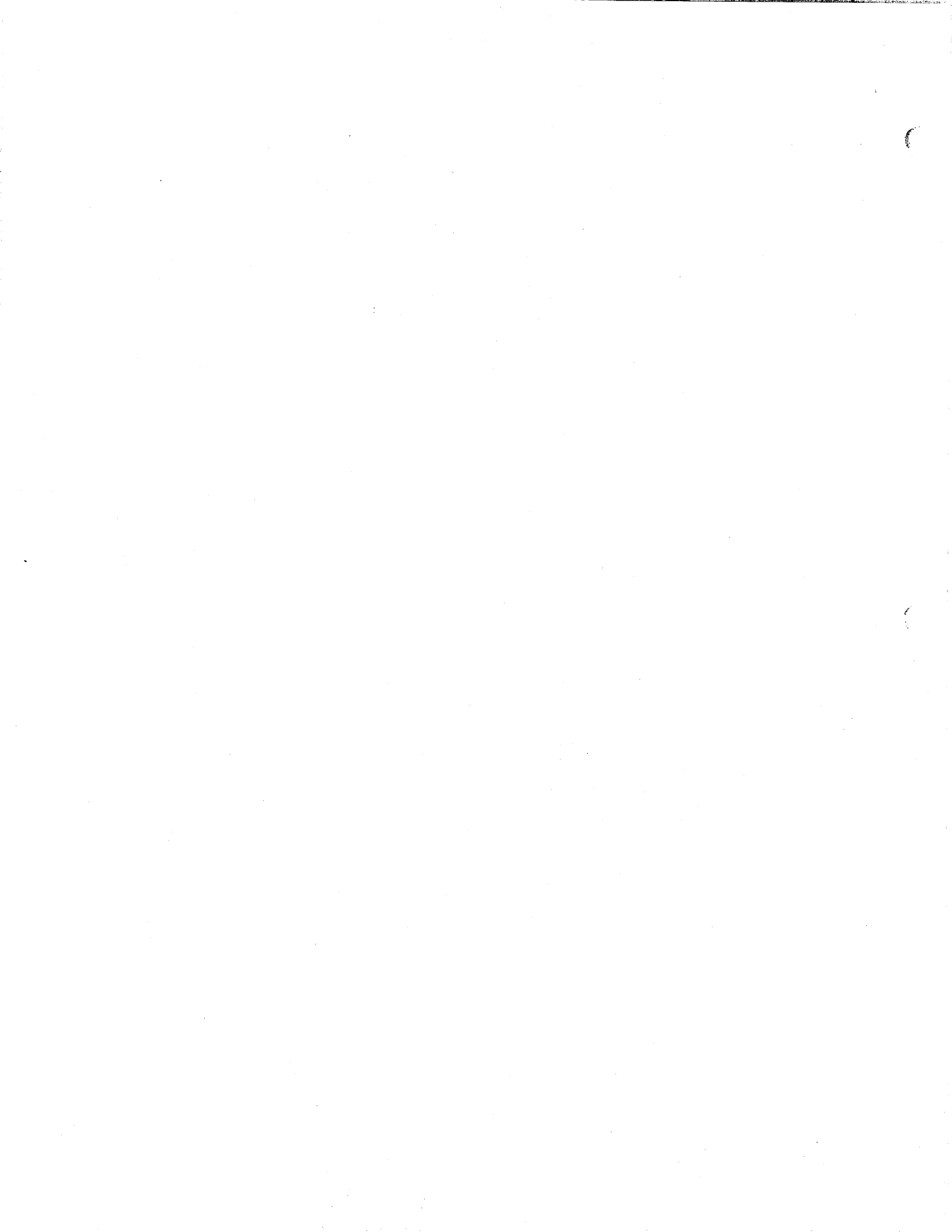


APPENDIX "B"

**FIELD TEST RESULTS
WITH
EACH TEST KIT**



NO. 1 LACKAWANNA RIVER 200' BELOW WILSON CREEK

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Feb. 20, 1970			6.4	17		0		0		65	
Mar. 5, 1970			7.2	17		0				65	
Mar. 23, 1970			7.1	17		0		.4		75	
AVERAGE				17		0		.2		68	

NO. 4 LOWER SIMPSON OUTFALL

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Nov. 14, 1969			5.9	51				.5		250	
Nov. 21, 1969			5.5	51				.3		250	
Nov. 28, 1969			6.0	51				.2		235	
Dec. 5, 1969			5.7	0				.1		250	
Dec. 12, 1969			6.0	51		0		.3		300	
Feb. 6, 1970			6.5	103		0		.4		250	
Feb 17, 1970			6.7	51		0		1.1		275	
Feb. 20, 1970			5.8	51		0		.1		220	
Mar. 2, 1970			6.0	51		0		.1		275	
Mar. 20, 1970			5.9	51		0		.2		240	
April 10, 1970			5.2	51				.2		300	
AVERAGE				51		0		.3		259	

NO. 5 UPPER WILSON OUTFALL

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Nov. 14, 1969			5.7	0		17		.9		300	
Nov. 21, 1969			5.5	17				.7		175	
Nov. 28, 1969			6.3	17				1.1		275	
Dec. 5, 1969			5.8	34				.2		300	
Dec. 12, 1969			5.7	34		0		1.1		250	
Feb. 6, 1970			5.6	51		0		.8		300	
Feb. 17, 1970			5.6	34		0		.4		300	
Feb. 20, 1970			5.5	34		0		.4		250	
Mar. 2, 1970			5.7	34		0		.4		300	
Mar. 20, 1970			5.8	34		0		.3		280	
AVERAGE					29		2		.6		273

NO. 6 LOWER WILSON OUTFALL

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Nov. 14, 1969			5.7	17				.8		250	
Nov. 21, 1969			6.3	17				.7		300	
Nov. 28, 1969			6.2	17				.6		250	
Dec. 5, 1969			5.7	34				.9		300	
Dec. 12, 1969			5.5	34		0.0		.7		250	
Feb 6, 1970			6.9	34		0.0		0.0		300	
Feb. 17, 1970			6.5	17		0.0		.2		320	
Feb. 20, 1970			6.5	17		0.0		.3		300	
Mar. 2, 1970			5.6	34		0.0		.3		300	
Mar. 20, 1970			5.6	34		0.0		.6		290	
AVERAGE					26		0		.5		286

NO. 7 STREAM EAST OF LACKAWANNA RIVER AT STATION 28

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Feb. 27, 1970			5.0	17							
Mar. 9, 1970			5.0	34		0					12
AVERAGE				26		0					12

NO. 9 STREAM EAST OF LACKAWANNA RIVER AT STATION 63

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Feb. 27, 1970			6.5	17							
Mar. 9, 1970			5.6	17		0					5
AVERAGE				17		0					5

NO. 10 STREAM EAST OF LACKAWANNA RIVER AT STATION 94

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Feb. 27, 1970			5.0	17							
Mar. 9, 1970			5.0	34		0				20	
AVERAGE				26		0				20	

NO. 11 SPRING EAST OF LACKAWANNA RIVER AT STATION 97

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Feb. 20, 1970			6.8	17		0		.1		15	
Mar. 5, 1970			6.9	17		0				19	
Mar. 23, 1970			7.2	17		0		.3		22	
AVERAGE				17		0		.2		19	

NO. 13 NORTHWEST BOREHOLE OUTFALL

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Nov. 21, 1969			6.7	0				1.2		20	
Nov. 28, 1969			7.2	0				0.0		25	
Dec. 5, 1969			7.4	0		5		0.0		25	
Dec. 12, 1969			7.1			5		.6		25	
Feb. 11, 1970			7.1			5		.8		20	
Feb. 17, 1970			7.3	0		5		1.1		20	
Feb. 20, 1970			7.3	0		5		1.6		20	
Mar. 3, 1970			7.2	34		0		.4		12	
Mar. 24, 1970			7.7	17		0		1.3		16	
AVERAGE					7		4	.8		20	

NO. 17 STREAM EAST OF LACKAWANNA RIVER AT STATION 122

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Feb. 27, 1970			5.1	17							
Mar. 9, 1970			5.6	17						2	
AVERAGE					17					2	

NO. 20 BEAVER OUTFALL

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Nov. 14, 1969			5.2	17		0		.6		90	
Nov. 21, 1969			5.3	17				.4		85	
Nov. 28, 1969			5.1	17				.2		85	
Dec. 5, 1969			5.3	17				.5		90	
Dec. 12, 1969			5.5	51		0		.6		80	
Feb. 11, 1970			5.7	34		0		.4		70	
Feb. 17, 1970			5.5	34		0		.2		80	
Feb. 20, 1970			5.8	34		0		.2		70	
Mar. 5, 1970			5.3	51		0				68	
Mar. 20, 1970			5.5	34		0		.3		72	
AVERAGE				31		0		.4		88	

NO. 21 STREAM EAST OF LACKAWANNA RIVER AT STATION 147

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Mar. 9, 1970			5.2	17						7	
AVERAGE				17						7	

NO. 22 LACKAWANNA RIVER ABOVE BEAVER OUTFALL

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Feb. 20, 1970			6.8	17		0		.2		20	
Mar. 9, 1970			7.0	17		0				70	
Mar. 23, 1970			7.1	17		0		.2		18	
AVERAGE				17		0		.2		36	

NO 24 STANDPIPE OUTFALL

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Dec. 12, 1969			5.1	51		0		2.0		90	
AVERAGE				51				2.0		90	

NO. 25 STREAM WEST OF LACKAWANNA RIVER OPPOSITE STATION 160

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Mar. 10, 1970			5.8	17		0.0				18	

AVERAGE				17		0.0				18	
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NO. 26 STREAM EAST OF LACKAWANNA RIVER AT STATION 161

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Mar. 9, 1971			4.8	34		0.0				52	

AVERAGE				34		0				52	
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NO. 28 GREY SLOPE OUTFALL

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Nov. 14, 1969			4.6	0				0.0		70	
Nov. 21, 1969			4.0	0				0.0		65	
Nov. 28, 1969			5.0	0				.5		70	
Dec. 5, 1969			4.8	34				0.0		80	
Dec. 12, 1969			5.0	34		0		0.0		70	
Feb. 11, 1970			4.6	34		0		0.0		60	
Feb. 17, 1970			5.6	51		0		0.0		65	
Feb. 20, 1970			5.6	51		0		.1		65	
Mar. 2, 1970			4.9	34		0		.3		60	
Mar. 20, 1970			4.8	34		0		.1		65	
AVERAGE				27		0		.1		67	

NO. 30 STREAM EAST LACKAWANNA RIVER AT STATION 200

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Mar. 3, 1970			5.6	17		0.0				50	
AVERAGE				17		0				50	

NO. 32 VANDLING OUTFALL

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Nov. 14, 1969			5.2	0				.3		95	
Nov. 21, 1969			4.7	34				.2		90	
Nov. 28, 1969			4.5	34				.4		90	
Dec. 5, 1969			4.9	34				.5		100	
Dec. 12, 1969			4.8	34		0		.6		100	
Feb. 6, 1970			4.9	51		0		1.1		150	
Feb. 17, 1970			5.6	51		0		.4		100	
Feb. 20, 1970			5.7	51		0				100	
Mar. 5, 1970			4.9	51		0				100	
Mar. 23, 1970			5.1	51		0		.4		110	
April 10, 1970			5.2	51		0		.6		190	
AVERAGE				26		0		.5		111	

NO. 34 STREAM EAST OF LACKAWANNA RIVER AT STATION 207

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Mar. 10, 1970			5.6	17		0.0				15	
AVERAGE				17		0.0				15	

NO. 35 STREAM EAST OF LACKAWANNA RIVER AT STATION 210

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Mar. 10, 1970			5.7	17		0				2	
AVERAGE				17		0				2	

NO. 38 LACKAWANNA RIVER BELOW BROWDALE OUTFALL

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Feb. 20, 1970			4.4	17		0		0		25	
Mar. 5, 1970			7.9	17		0				6	
Mar. 23, 1970			7.3	17		0		.2		13	
AVERAGE				17		0		.1		15	

NO. 39 BROWDALE OUTFALL

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Mar. 10, 1970			5.1	17		0				50	
AVERAGE				17		0				50	

NO. 41 STREAM EAST OF LACKAWANNA RIVER AT STATION 244

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Mar. 10, 1970			6.8	17		0.0				9	
AVERAGE				17		0				9	

NO. 48 BRACE BROOK

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Mar. 24, 1970			6.6	17		0		0		19	
AVERAGE				17		0		0		19	

NO. 49 LACKAWANNA RIVER ABOVE BRACE BROOK

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Feb. 20, 1970			7.2	0		100		.1		15	
Mar. 5, 1970			7.3	17		0		-		8	
Mar. 23, 1970			7.3	17		0		.2		12	
AVERAGE				11		33		.1		32	

NO. 55 LACKAWANNA RIVER AT STATION 390 WOODEN STILLWATER DAM

DATE	FLOW C.F.S.	FLOW G.P.M.	PH	ACIDITY		ALKALINITY		TOTAL IRON		SULPHATES	
				CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY	CONC.	LBS./DAY
Feb. 20, 1970			7.2	0		100		0			10
Mar. 5, 1970			6.9	17		0					8
Mar. 23, 1970			6.8	17		0		.25			12
AVERAGE				11		33		.1			10