INDUSTRIAL PRETREATMENT PROGRAM

ANNUAL REPORT

(JULY 1, 2005 - JUNE 30, 2006)

WEST WARWICK REGIONAL WASTEWATER TREATMENT FACILITY

AUGUST 15, 2006

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SECTION 1

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1.0 INTRODUCTION

The Town of West Warwick Regional Wastewater Treatment Facility is located on Pontiac Avenue in the Town of West Warwick. The Facility processes and treats wastewater from the Town of West Warwick plus contributing flows from Warwick, Cranston, Coventry, East Greenwich and West Greenwich. The southeastern-most corner of the Town of Scituate is also within the Facility Planning area, but currently has no buildings connected. The Facility discharges its treated wastewater into the Pawtuxet River, and is regulated by Rhode Island Pollutant Discharge Elimination System Permit No. RI0100153.

The Facility serves the region's domestic and commercial sources, and also provides wastewater treatment for numerous local industrial dischargers. Therefore, in accordance with Federal and State regulations, the Town of West Warwick implements and enforces an Industrial Pretreatment Program. The purpose of the Program (approved by the Federal Environmental Protection Agency on 9 September 1983) is to achieve the three fundamental objectives of the National Pretreatment Program:

- To prevent the introduction of pollutants into the POTW which could interfere with its operation, referred to as inhibition or interference.
- To prevent the pass-through of untreated pollutants which could violate applicable water quality standards or RIPDES effluent limitations, referred to as pass-through.
- To prevent the contamination of POTW sludge which would limit the selected sludge uses or disposal practices.

The purpose of this Annual Report is to review the components of the West Warwick Industrial Pretreatment Program, and to present a summary of the progress which has been made during the period of July 2005 to June 2006.

The contents of this report have been designed in order to meet the requirements of 40CFR403.12(I) and the conditions specified in the Facility's RIPDES Permit.

This report is divided into the following sections:

- SECTION 2.0: INDUSTRIAL USER CLASSIFICATION
- SECTION 3.0: MONITORING ACTIVITIES
- SECTION 4.0: ENFORCEMENT ACTIVITIES
- SECTION 5.0: PROGRAM EVALUATION
- SECTION 6.0: ANALYTICAL EVALUATION

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2.0 INDUSTRIAL USER CLASSIFICATION

2.1 INDUSTRIAL USERS

The master list of all industrial users was updated from the latest edition of the Rhode Island Directory of Manufacturers, drive-by visual inspections and observations, Sewer Use Records, Tax Assessor's Records (including all Town license applications), the Town Planning Department, Fire Department Chemical Manifest lists, and the Town Building Inspector's list. The industrial user list also takes into account all industries which are tenants of large mill-type complexes. The master list was established in 1987 in accordance with seven classifications as established by EPA. This year, the Program also sent a survey to all non-significant industrial users. Through this survey, industries that have moved or ceased operations without reporting were identified. In addition, the mill complex located at 1454 Main Street (Agawam Mills) was determined not to be connected to the West Warwick sewer system. In general, this year has shown a decline in the number of small "Job Shops", as an increased amount of available space is being used for commercial and residential uses. Many of the old mills, including Royal Mills, Ace Dye, Centerville Mill, Crompton Mill, Hope Valley Dye and Valley Dye are in the process of being converted to residential use. The Victor Electric buildings currently do not have industrial users. The buildings are currently used for storage and retail uses.

In addition, an area of West Warwick previously considered an industrial area, is under consideration for several hospitality related developments.

The following are the classifications as established by EPA:

(A) Industries subject to Federal EPA Categorical Standards:

i. Industries subject to Federal EPA Categorical Standards;

ii. Industries discharging toxic substances, prohibited pollutants, but who are not subject to Federal EPA Categorical Standards;

iii. Industries discharging or having the potential to discharge compatible conventional (BOD, TSS, pH, oil and grease, fecal coliform) pollutant loads in sufficient quantities

to cause West Warwick to violate its RIPDES Permit limits or cause interference or organic overloads at the treatment works;

iv. Industries with sanitary or non-toxic discharges using solvents, toxic chemicals and/or hazardous chemicals that could potentially be discharged to the sewers;

v. Industries discharging only sanitary wastes and/or non-toxic discharges;

vi. Dry industries with no waste discharges to the sewers, using solvents, toxic chemicals and/or hazardous chemicals; and

vii. Dry industries with no waste discharges to the sewers.

The list of Industrial User Classifications is presented in Table 2-1. All Significant Industrial Users that discharge process wastewater and are permitted by the Program are subject to local limits. Categorical industries are subject to limits that are equal to or more stringent than categorical pretreatment standards.

TABLE 2-1
TOWN OF WEST WARWICK
INDUSTRIAL USER CLASSIFICATION

Industry	Street Address	City/Town/State	Classification
ABX Air, Inc.	80 Centre of New England Blvd.	Coventry, RI	v
CAL Chemical	592 Arnold Rd.	Coventry, RI	iv
Colonial Machine & Tool	5 Salvas Ave.	Coventry, RI	v
Mack Truck	80 Centre of New England Blvd.	Coventry, RI	v
Arlington R.V. Supercenter	99 Telmore Road	Warwick, RI	v
Grimes Box Company	112 Telmore Rd.	Warwick, RI	v
Warwick Ice Cream	743 Bald Hill Rd.	Warwick, RI	iii
G-Tech	West Greenwich Industrial Park	West Greenwich, RI	v
KMC, Inc.	20 Technology Way	West Greenwich, RI	v
Immunex of RI a/k/a Amgen Inc.	40 Technology Way	West Greenwich, RI	iii
Advanced Interconnects	5 Energy Way	West Warwick, RI	v
American Power Conversion	1600 Division Rd.	West Warwick, RI	v

TABLE 2-1 TOWN OF WEST WARWICK INDUSTRIAL USER CLASSIFICATION			
Industry	**Street Address**	**City/Town/State**	**Classification**
Amtrol, Inc.	1400 Division Rd.	West Warwick, RI	iii
AOA Machine	1372 Main St.	West Warwick, RI	v
Astro-Med, Inc.	East Greenwich Ave.	West Warwick, RI	v
Chase Machine Co., Inc.	324 Washington St.	West Warwick, RI	v
Clyde Press	1387 Main St.	West Warwick, RI	v
Corbro Manufacturing	100 Pulaski St.	West Warwick, RI	v
Cox Cable	9 James Murphy Highway	West Warwick, RI	v
Cramik Corp.	183 Washington St.	West Warwick, RI	v
Crompton Woodworking	108 Pond St.	West Warwick, RI	v
Culligan Water Conditioning	149 James Murphy Highway	West Warwick, RI	v
Custom Craft, Inc.	48 Maple Ave.	West Warwick, RI	v
Deery Tool and Engineering, Inc.	1654 Main St.	West Warwick, RI	vi
F. DiZoglio & Sons	111 Energy Way	West Warwick, RI	v
Dryvit Systems, Inc.	One Energy Way	West Warwick, RI	ii
L. Gadoury Oil	226 Washington St.	West Warwick, RI	v
Gaspee Enterprises, Inc.	245 Quaker Lane	West Warwick, RI	v
Graphic Press	17 Providence St.	West Warwick, RI	v
Guild Tool & Eng. Co.	20 Pike St.	West Warwick, RI	v
Kent County Daily News	1353 Main St.	West Warwick, RI	v
K.G.C., Inc.	245 Quaker Lane	West Warwick, RI	vii
KLM Company	28 Aster St.	West Warwick, RI	v
Lincoln Energy Corp.	195 James Murphy Hwy.	West Warwick, RI	v
Lumetta, Inc.	69 Aster St.	West Warwick, RI	v
Mereco Technologies	1505 Main St.	West Warwick, RI	v

TABLE 2-1 TOWN OF WEST WARWICK INDUSTRIAL USER CLASSIFICATION			
Industry	**Street Address**	**City/Town/State**	**Classification**
Neptune-Benson, Inc.	3 Bridal Ave.	West Warwick, RI	vii
New England Union Co.	Hay St.	West Warwick, RI	v
Original Bradford Soap Works	200 Providence St.	West Warwick, RI	iii
Paul Arpin Van Lines	99 James Murphy Hwy.	West Warwick, RI	v
Quality Thermoforming	25 James Murphy Hwy.	West Warwick, RI	v
Riverpoint Lace	825 Main Street	West Warwick, RI	iii
R.I. Label Works	14 Clyde Ave.	West Warwick, RI	v
Snow Findings	14 Sheldon St.	West Warwick, RI	v
Soluol Chemical Co., Inc.	Green Hill St.	West Warwick, RI	i
Standard Mill Machinery	1370 Main St.	West Warwick, RI	v
West Warwick Screw Products Co., Inc.	15 Factory St.	West Warwick, RI	v

2.2 REVISIONS TO INDUSTRIAL USER CLASSIFICATION

The 2005 - 2006 reporting year was one in which little industrial growth transpired. Immunex of Rhode Island continues to increase the volume of wastewater. Soluol Chemical has provided notice that the company plans to relocate within the 3rd quarter 2006. As discussed in Section 2.1, Agawam Mills was found not to be connected to West Warwick. Therefore, the users of this facility were removed from the industrial users list. The users formerly associated with the complex include:

BES Optical, Better Furniture Refinishing, C&I Tool, CER MAR Co., C3 Systems, Microcircuit Tool and Die, ODP Technologies, Prestige Door, and Sonnet Hat.

The following industries have closed or relocated:

Keenan's Oil 1127 Tollgate, Warwick	Building currently used for retail sales (Holmes Jewelers)
Atlas Insulation	Moved to North Scituate
Battlefield of America	Moved to Chicago
KLM Company	Closed
Ayer Sales	Moved to Lincoln
AOA Machine	Moved to Coventry
Mollohan Typesetting	Moved to East Greenwich
Rusticated Beam	Closed

NeighborCare HME has been removed from the list. The user is not industrial.

Victor Corporation has also been removed as the building is not currently used for industrial purposes.

2.3 COMMERCIAL LISTING

Table 2-2 indicates establishments which are currently under jurisdiction of the Program's grease trap requirements.

Table 2-3 presents those establishments which shall be focused upon due to their potential to discharge of silver into the collection system. This year, the list separates the photo finishers from the dentist / x- ray users.

Table 2-4 lists all users subject to the grit trap requirements, while Table 2-5 lists users subject to lint trap requirements.

2.4 REVISIONS TO COMMERCIAL LISTING

This year, the majority of growth was in the Coventry area (particularly a in the commercial area of Centre of England). Other areas of Coventry have also begun to connect, but the growth has been limited. The expansion to the Centre of New England include:

Home Depot
Wingate Inn (due to open in the Fall 2006)

Wal-Mart (due to open in the Fall 2006)
Retail Strip "A": Honey Dew Donuts, Hollywood Nails, UPS, Quizno's, Cilantro Grille, Nextel
Retail Strip "B"; Payless Shoes, Game Stop Salad Creations, Supercuts , T-Mobile
Residential development

Areas of Warwick have experienced redevelopment and expansion. The increase is difficult to highlight in the commercial listing because the projects are expansions of existing facilities. The expansions include:

Inskip Motors at 1515 Bald Hill Road has undergone major expansion and redevelopment. The project included:

- Removal of all except one building and reconstruction of the building to include greater area,
- Construction of two new buildings and a car wash and expansion of the remaining building.

Another project has been submitted and is under review for a second car wash and another sales/service building.

Marketplace Center has had redevelopment of the former Candle Outlet. The building has been vacant for a few years. The re-development includes dividing the unit into as many as eight tenant units. To date, only one unit has been accepted. The area also has a potential to expand the Stop & Shop. The Program is awaiting an engineering estimate for increased flow from the plaza and an evaluation of the private collection system before accepting additional users.

Cowesett Corners at 1500 Bald Hill Road has re-developed the former K-Mart building which has been vacant for a few years. The project includes dividing the facility into three tenant units; two are strictly retail and one (Bob's Furniture) has food service.

Changes to the Grease Trap List are as follows:

- **Tom's Market**, 821 Tiogue Avenue (Coventry) is pending.
- **Pagliariani''s Restaurant** was added.
- **Wal-Mart,** Centre of New England is pending.
- **Subway**, Centre of New England is pending.
- **Quiznos** was added.

- **Honey Dew Donuts** was added.
- **Bob Furniture ,** Marketplace Center, is pending.
- **Warner's Main Street Grill** has been removed.
- **Hops Restaurant, Bar & Brewery** has been removed.
- **Panda Island** is inactive.
- **Cilantro Grille,** Centre of New England, is pending.

Changes to the Silver List include:

- **Wal-Mart, Centre** of New England, is pending for photo finishing.
- **Walgreen's** is pending for photo finishing.
- **Thundermist Health Assoc. Inc.** was added.
- **A-1 Photo** was removed.
- **Vee's Photography** was removed

Changes to the Grit Trap List include:

- **Inskip Motors,** 885 Quaker Lane (new building) was added.
- **Inskip,** 1515 Bald Hill Road added a carwash and two new sales / service facilities.
- **Wal-Mart,** Centre of New England, is pending.
- **Knight's Nissan** was removed.
- **10 Ten Bay Car Wash** was removed.
- **West Warwick Auto** was added.
- **West Warwick Auto** was added.
- **Royal Mills at Riverpoint (Ace Dye)** is pending.

Changes to the Lint Trap List:

- **Windgate Inn,** Centre of New England, was added.

TABLE 2-2
GREASE INTERCEPTOR LIST

STREET#	LOCATION		COMPANY NAME	Owner	Owner Address	Status
4	BLOSSOM STREET	WW	West Valley Inn	TARA FOOD SERVICES INC	4 BLOSSOM ST	ACTIVE
12	BRIDGE STREET	WW	PORTUGUESE-AMERICAN SPORT CLUB	PORTUGUESE-AMERICAN SPORT CLUB	12 BRIDGE ST	ACTIVE
1593 1595	CENTREVILLE RD.	WW	ON THE ROCH'S	ROCH, JEROME D	1595 CENTREVILLE RD, WARWICK RI 02886-4251	ACTIVE
60	CLYDE STREET	WW	ELKS	W WARWICK LODGE NO 1697 OF ELKS OF THE U S A	60 CLYDE ST	ACTIVE
2	COUNTRY DRIVE	WW	Vasili's Pizza	CASTELLI ALBERT S & CASTELLI ANN M TE	81 HARDIG ROAD,WARWICK RI 02886	ACTIVE
115	COWESETT AVE	WW	POP'S PLACE & HIS SON'S PUB INC	POP'S PLACE & HIS SON'S PUB INC	115 COWESETT AVENUE	ACTIVE
289	COWESETT AVE/U1&2	WW	Phoenix Inn	U S A REALTY INC	293 COWESETT AVE S/1, WEST WARWICK RI 02893	ACTIVE
289	COWESETT AVE/U22	WW	Subway	U S A REALTY INC	293 COWESETT AVE S/1, WEST WARWICK RI 02893	ACTIVE
226	COWESETT AVENUE	WW	COWESETT INN INC	COWESETT INN INC	226 COWESETT AVE	ACTIVE
250	COWESETT AVENUE	WW	GREEK OVEN PIZZA	RESERVOIR REALTY COMPANY INC	141 POWER ROAD, PAWTUCKET, RI 02860	ACTIVE
250	COWESETT AVENUE	WW	Riccotti's Sandwich Shop	RESERVOIR REALTY COMPANY INC	141 POWER ROAD, PAWTUCKET, RI 02860	ACTIVE
255	COWESETT AVENUE	WW	GALAXIES II (JACKY'S PLACE)	RUSSO ANTHONY P	384 KING ROAD	ACTIVE
272	COWESETT AVENUE	WW	Evelyn's Villa	SIMAS ERNEST R TRUSTEE, REVOCABLE TRUST 12/28/94	272 COWESETT AVE	ACTIVE
275	COWESETT AVENUE	WW	DUNKIN DONUTS	HENDERSON REALTY CO	C/O DUNKIN DONUTS, 275 COWESETT AVENUE	ACTIVE
280	COWESETT AVENUE	WW	Nick's New York System	V S H REALTY INC., C/O CUMBERLAND FRMS INC R	777 DEDHAM STREET V0174	ACTIVE
11	CURSON ST	WW	FARMERS BACKYARD	**CABRAL JOSE**	**10 MANCHESTER STREET**	ACTIVE
1400	Division Rd.	WW	Amtrol, Inc.	AMTROL INC.	1400 Division Road	ACTIVE
1600	DIVISION ROAD	WW	METROPOLITAN LIFE	W W W REALTY ASSOCIATES, C/O NY URBAN LLC	ATTN DIANE PULLANO, 225 WEST 34TH ST SUITE 2100	ACTIVE
700	E GREENWICH AVE	WW	PAPA GINO'S	QUAKER VALLEY MALL ASSOCIATES C/O OF USA	600 PROVIDENCE HWY, DEDHAM MA 02026-6848	ACTIVE
20	FACTORY STREET	WW	West Warwick Senior Citizens Center Inc	WEST WARWICK SRS BLDG FUND INC	8 FACTORY ST	ACTIVE
37	HEPBURN ST	WW	Crompton Veterans Organization	CROMPTON VETERANS ORGANIZATION WORLD WAR II	37 HEPBURN ST	ACTIVE
9	JAMES P MURPHY HIGHW	WW	Cox communication	COX COMMUNICATIONS	11 COMSTOCK PARKWAY, CRANSTON RI 02921	ACTIVE
1	KEYES WAY	WW	**Tee's Restaurant** (EAGLE QUEST GOLF DOME)	RHODE ISLAND INDUSTRIAL FACILITIES CORP	C/O EAGLE QUEST GOLF DOME, 1 KEYES WAY	ACTIVE
10	KEYES WAY	WW	Comfort Suites	NEHA/RUCHI LLC	10 KEYES WAY	ACTIVE
239	LEGRIS AVENUE	WW	WEST VIEW HEALTH CARE	QUAKER ASSOCIATES, C/O P.F.C. COPORATION	C/O WEST VIEW HEALTH CARE, 239 LEGRIS AVENUE	ACTIVE
287	LEGRIS AVENUE	WW	EMILIO'S BAKERY	V S H REALTY INC., C/O CUMBERLAND FRMS INC R	777 DEDHAM STREET V0532	ACTIVE
546	MAIN ST	WW	RIVERVIEW NURSING HOME	RIVERVIEW NURSING HOME	546 MAIN STREET, COVENTRY RI 02816	ACTIVE
707	MAIN ST	WW	Bill's Place	MELANIS VASILIOS	705 MAIN STREET	ACTIVE

TABLE 2-2
GREASE INTERCEPTOR LIST

STREET#	LOCATION		COMPANY NAME	Owner	Owner Address	Status
710	MAIN ST	WW	Bamboo House	VSH REALTY INC C/O CUMBERLAND FRMS INC ATTN: A/P V0605	777 DEDHAM STREET V0479	ACTIVE
712	MAIN ST	WW	Jessie II	VSH REALTY INC C/O CUMBERLAND FRMS INC ATTN: A/P V0605	777 DEDHAM STREET V0479	ACTIVE
715	MAIN ST	WW	PHENIX SPORTMENS CLUB	PHENIX SPORTMENS CLUB	715 MAIN STREET	ACTIVE
826	MAIN ST	WW	Eagle's	WARWICK AERIE NO 1313 FRATERNAL ORDER OF EAGLES	826 MAIN STREET	ACTIVE
913	MAIN ST	WW	Depetrillo's Pizza & Bakery / Sweet November Bakery II	BSK ENTERPRISE INC	P O BOX 1131	ACTIVE
925	MAIN ST	WW	Diggy's Ice Cream	RIGGIN JOHN &	925 MAIN STREET	ACTIVE
943	MAIN ST	WW	**Papa's Place** Brenda's	Paula Anderson	34 Corona Ct. Warwick, RI 02886	ACTIVE
957	MAIN ST	WW	TIM HORTON'S	WWJD LLC	36 TOM HARVEY ROADWesterly , RI 02891	ACTIVE
971	MAIN ST	WW	Domino's Pizza	FLANAGAN EDWARD P	14 PETERS LANE	ACTIVE
1143	MAIN ST	WW	CLUB FORNTENAC/Touch of Class Catering	CLUB FRONTENAC INC	1143 MAIN ST	ACTIVE
1191	MAIN ST	WW	Ev's Corner	MAI TAI INVESTMENTS INC	122 APPLE TREE LANE	ACTIVE
1203	**MAIN ST**	WW	Ferucci's New York System	O BRIEN ROBIN	33 WEST WARWICK AVENUE	ACTIVE
1365	MAIN ST	WW	A J'S RESTAURANT	BROWN ARTHUR	183 GREENBUSH ROAD	ACTIVE
1738	MAIN ST	WW	FAMOUS PIZZA INC	FAMOUS PIZZA INC	1738 MAIN ST	ACTIVE
1745	MAIN ST	WW	A TASTE OF CHINA	MUTUAL PROPERTIES NEW LONDON LLC/RHODE ISLAND LIMITED LIABILITY CO	ONE JAMES P MURPHY HWY	ACTIVE
1745	MAIN ST	WW	Honey Dew Donuts	MUTUAL PROPERTIES NEW LONDON LLC/RHODE ISLAND LIMITED LIABILITY CO	ONE JAMES P MURPHY HWY	ACTIVE
1745	MAIN ST	WW	Paul's Kitchen	MUTUAL PROPERTIES NEW LONDON LLC/RHODE ISLAND LIMITED LIABILITY CO	ONE JAMES P MURPHY HWY	ACTIVE
1199 1203	MAIN ST	WW	D'Angelo Sandwich Shop	JONASA REALTY INC	1231 MAIN STREET	ACTIVE
27	Pike Street	WW	Joann's Bakery	FURTADO DANIEL & JOANN FURTADO JT	34 GOUGH AVENUE	ACTIVE
9	PLEASANT ST	WW	Phenix Square Restaurant	LUCAS ALAN P	90 HAWTHORNE STREET	ACTIVE
25	PROVIDENCE ST	WW	Jerry's Supermarket	JERRYS SUPER MARKET INC. C/O BRS REAL ESTATE	22 COVENTRY SHOPPERS PARK	ACTIVE
49	PROVIDENCE ST	WW	MR. TACO	BLAIN DAVID D ET UX, BLAIN KAY E TE	140 WAKEFIELD STREET	ACTIVE
52	PROVIDENCE ST	WW	HOUSE OF WU	WU GEORGE Y & MAY PING WU TRUSTEES, WU LIVING TRUST	52 PROVIDENCE ST	ACTIVE
283	PROVIDENCE ST	WW	DUNKIN DONUTS	LACROIX ROY A & NANCY E TE	1988 PHENIX AVENUE	ACTIVE
291	**PROVIDENCE ST**	**WW**	**Christos Pizza**	**Christos Titelis**	**101 Scenic Drive**	**ACTIVE**
293	PROVIDENCE ST	WW	Tomaselli's Grill and Bar	LACROIX ROY A & NANCY E TE	1988 PHENIX AVENUE	ACTIVE
343	PROVIDENCE ST	WW	HONY DEW DONUTS	HONY DEW DONUTS, C/O WHITNEY GROUP INC.	ATTN: ALEX KAUFMAN, VP, PO BOX 1384, PROVIDENCE RI 02901	ACTIVE
346	PROVIDENCE ST	WW	WESTCOTT HOUSE OF PIZZA	AMERADA HESS CORPORATION		ACTIVE

TABLE 2-2
GREASE INTERCEPTOR LIST

STREET#	LOCATION		COMPANY NAME	Owner	Owner Address	Status
350	PROVIDENCE ST	WW	Fu Ming Chinese Restaurant	AMERADA HESS CORPORATION		ACTIVE
568	PROVIDENCE ST	WW	**San Vivaldo's** ~~NIKO'S GRILL~~	BIGAZZI ALFIERO	568 PROVIDENCE STREET	ACTIVE
845	PROVIDENCE STREET	WW	**Paizon's Pizza** ~~Nelick Pizza~~	J J & T INC	845 PROVIDENCE STREET	ACTIVE
35	QUAKER LN	WW	Doreen's Place	UNIVERSAL TRUCK & EQUIPMENT LEASING INC	C/O MINER REALTY & WESTCOTT DEVELOPMENT, 207 QUAKER LN FL3	ACTIVE
305	QUAKER LN	WW	KFC of America	JOES SERVICE STATION	A R I CORPORATION, 88 WOODCOVE DRIVE	ACTIVE
700	QUAKER LN	WW	METLIFE	METLIFE, ATTN: DAVID CHEN, ONE METLIFE PLAZA - AREA 5C	2701 QUEENS PLAZA NORTH, LONG ISLAND CITY NY 11101	ACTIVE
701	QUAKER LN	WW	Quaker valley Mall/ Pinelli's Café	QVM LLC, C/O STONE TOWER PROPERTIES	545 S MAIN STREET	ACTIVE
719	QUAKER LN	WW	Quaker Valley Mall/Little chop sticks	QVM LLC, C/O STONE TOWER PROPERTIES	545 S MAIN STREET	ACTIVE
126	ROBERT ST	WW	Aloha Pizza	ZBIGNIEW c/o ALOHA PIZZA	126 ROBERT STREET	ACTIVE
64 B	TIOGUE AVENUE	WW	J&K Kreattions	GIUSTI MARGARET	3 OSPREY DRIVE	ACTIVE
335	WAKEFIELD STREET	WW	West Warwick Country Club	FOREWEST GROUP LLC	450 WAKEFIELD STREET	ACTIVE
505	WAKEFIELD STREET	WW	WAKEFIELD HEIGHTS ELEMENTARY SCHOOL	TOWN OF WEST WARWICK	1170 MAIN STREET	ACTIVE
77	WASHINGTON ST	WW	HONG KONG RESTAURANT	SIT KWOK KIN & JIAN HUA SIT TE	1516 FRENCHTOWN ROAD	ACTIVE
131	WASHINGTON ST	WW	Town Chef	LOMBARDI DOMENIC REALTY INC	PO BOX 456	ACTIVE
245	WASHINGTON ST	WW	L A Cafe	ANZEVINO REALTY LLC	245 WASHINGTON STREET	ACTIVE
257	WASHINGTON ST	WW	Café Jericho	FORCIER LILLIAN & RAYMOND O FORCIER	66 SAGAMORE ST, WARWICK RI 02886	ACTIVE
88	WEST WARWICK AVE	WW	DUNKIN DONUTS	LOMBARDI DOMENIC REALTY	ATTN: DUNKIN DONUTS, PO BOX 456, WEST WARWICK RI 02893	ACTIVE
88	WEST WARWICK AVE	WW	KINGSTON PIZZA	LOMBARDI DOMENIC REALTY	ATTN: KINGSTON PIZZA, PO BOX 456, WEST WARWICK RI 02893	ACTIVE
795	CENTRE OF NE BLVD	WG	DENNY'S	DENNY'S	COMMERCE PARK REALTY LLC, 207 QUAKER LN, WEST WARWICK RI 02893	ACTIVE
825	CENTRE OF NE BLVD	WG	CRACKER BARREL STORE 452	CRACKER BARREL STORE 452, ATTN: ACCOUNTS PAYABLE	P.O. BOX 787	ACTIVE
40	TECHNOLOGY WAY	WG	IMMUNEX OF RHODE ISLAND	IMMUNEX OF RHODE ISLAND, ATTN: STEVE BRYANT	40 TECHNOLOGY WAY, WEST GREENWICH RI 02817	ACTIVE
55	TECHNOLOGY WAY	WG	G-TECH	G-TECH/WG I, ATTN: RICK ELLIS	55 TECHNOLOGY WAY, WEST GREENWICH RI 02817-1717	ACTIVE
699	BALD HILL RD	W	DUNKIN DONUTS	EPSTEIN RHODE ISLAND LLC	6 STATE STREET	ACTIVE
743	BALD HILL RD	W	Warwick Ice Cream	BUCCI THOMAS	743 BALD HILL ROAD	ACTIVE
1500	**BALD HILL RD**	**W**	**Bob's Furniture**	**Charter Warwick**	**8441 Cooper Creek Blvd., University Park FL 34201**	**Pending**
1500	BALD HILL RD	W	Boston Market Warwick	SHAWMUT BANK CONNECTICUT TRUSTEE	C/O K-MART CORP - BURR WOLFF, PO BOX 22799, HOUSTON TX 77227-2799	ACTIVE
1500	BALD HILL RD	W	Shaw's Supermarkets	SHAWMUT BANK CONNECTICUT TRUSTEE	C/O K-MART CORP - BURR WOLFF, PO BOX 22799, HOUSTON TX 77227-2799	ACTIVE
989	CENTERVILLE RD	W	Friday's	CARLSON RESTAURANTS, SITE#171	C/O FACILITY IQ -MS 1168, PO BOX 2440, SPOKANE WA 99210-2440	ACTIVE

TABLE 2-2
GREASE INTERCEPTOR LIST

STREET#	LOCATION		COMPANY NAME	Owner	Owner Address	Status
1094	CENTERVILLE RD	W	Ferns and Flowers	GERARD, ALINE C. & GERALD J.	C/O 1200 MAIN STREET	ACTIVE
1239	DIVISION RD	W	DUNKIN DONUTS	KINGSTOWN ROAD ASSOCIATES	DUNKIN DONUTS/ATTN: J CATALFAMO, 251 SMITH ST Providence , RI 02903	ACTIVE
1149	DIVISION ST	W	CAFE PARAGON	HARVAN MANAGEMENT, LLC	1149 DIVISION ST	ACTIVE
251	NEW LONDON AVE.	W	VALLEY COUNTRY CLUB	SIXTY INC, C/O VALLEY COUNTRY CLUB	251 NEW LONDON AVE, WARWICK RI 02886	ACTIVE
10	QUAKER LN	W	Pizza Hut	A.V. LAND & BUILDING ENTERPRISES LLC	55 TOWNLINE ROAD, SUITE 102, WETHERSFIELD CT 06109	ACTIVE
200	QUAKER LN	W	KENT COUNTY COURT HOUSE	KENT COUNTY COURT HOUSE, STATE OF RI FACILITIES & OPERATIONS	ATTN: JULIE GOOD, 250 BENEFIT STREET, RM. 418	ACTIVE
300	QUAKER LN	W	Applebee's Neighborhood Grill & Bar	AC COWESETT PURCHASER c/o AMCAP INC	1281 EAST MAIN ST STE 200	ACTIVE
300	QUAKER LN	W	Cinnamon Cafe	AC COWESETT PURCHASER c/o AMCAP INC	1281 EAST MAIN ST STE 200	ACTIVE
300	QUAKER LN	W	D'Angelo Sandwich Shop	AC COWESETT PURCHASER c/o AMCAP INC	1281 EAST MAIN ST STE 200	ACTIVE
300	QUAKER LN	W	PANDA ISLAND	AC COWESETT PURCHASER c/o AMCAP INC	1281 EAST MAIN ST STE 200	**INACTIVE**
300	QUAKER LN	W	STOP & SHOP	AC COWESETT PURCHASER c/o AMCAP INC	1281 EAST MAIN ST STE 200	ACTIVE
444	QUAKER LN	W	Denny's	QUAKER REAL ESTATE ENTERPRISES, LLC	2790 SOUTH COUNTY TRAIL, EAST GREENWICH RI 02818	ACTIVE
444	QUAKER LN	W	Ninety Nine Restaurant And Pub	QUAKER REAL ESTATE ENTERPRISES, LLC	2790 SOUTH COUNTY TRAIL, EAST GREENWICH RI 02818	ACTIVE
926	QUAKER LN	W	Wendy's Restaurant	BALD HILL FOODS INC. C/O ROBERT D. WIECK, ESQ.	101 DYER STREET, PROVIDENCE RI 02903	ACTIVE
1200	QUAKER LN	W	Showcase Cinemas	NAIRI INC, ATTN: ACCOUNTS PAYABLE,200 ELM ST,DEDHAM MA 02026	200 ELM ST,DEDHAM MA 02026	ACTIVE
24 C	QUAKER LN	W	Classic Deli	LITTERIO PROPERTIES INC	38 LOCKHART AVE	ACTIVE
1000	DIVISION ST	EG	Cold Stone Creamery	E & A PORTFOLIO LIMITED PARTNERSHIP,	1901 MAIN ST SUITE 900, COLUMBIA SC 29201	ACTIVE
1000	DIVISION ST	EG	CHINA BUFFET	E & A PORTFOLIO LIMITED PARTNERSHIP,	1901 MAIN ST SUITE 900, COLUMBIA SC 29201	ACTIVE
1000	DIVISION ST	EG	Dave's Marketplace	E & A PORTFOLIO LIMITED PARTNERSHIP,	1901 MAIN ST SUITE 900, COLUMBIA SC 29201	ACTIVE
1000	DIVISION ST	EG	MCDONALDS	E & A PORTFOLIO LIMITED PARTNERSHIP,	1901 MAIN ST SUITE 900, COLUMBIA SC 29201	ACTIVE
1000	DIVISION ST	EG	OUTBACK STEAKHOUSE	E & A PORTFOLIO LIMITED PARTNERSHIP,	1901 MAIN ST SUITE 900, COLUMBIA SC 29201	ACTIVE
1000	DIVISION ST	EG	PANERA BREAD	E & A PORTFOLIO LIMITED PARTNERSHIP,	1901 MAIN ST SUITE 900, COLUMBIA SC 29201	ACTIVE
1000	DIVISION ST	EG	RUBY TUESDAY	E & A PORTFOLIO LIMITED PARTNERSHIP,	1901 MAIN ST SUITE 900, COLUMBIA SC 29201	ACTIVE
790	CENTRE OF NE BLVD	C	BJ's WHOLESALE CLUB	BJ's WHOLESALE CLUB	COMMERCE PARK ASSOCIATES 5 LLC	ACTIVE
830	CENTRE OF NE BLVD	C	APPLEBEE'S	APPLEBEE'S, C/O COMMERCE PARK ASSOC 7 LLC	207 QUAKER LN 3RD FLOOR, WEST WARWICK RI 02893	ACTIVE
650	**Centre of New England Blvd**	C	**WAL-MART Super center**	Wal Mart Stores,Inc	2001 SE10th St., Bentonville, AR 72716	Pending
674	**Centre of New England Blvd**	**C**	**Salad Creations**	**Commerce Park Reality**	**207 Quaker Lane**	**Pending**
710	**Centre of New England Blvd**	**C**	**Honey Dew Donuts**	**Commerce Park Reality**	**207 Quaker Lane**	**ACTIVE 4/06**

TABLE 2-2
GREASE INTERCEPTOR LIST

STREET#	LOCATION		COMPANY NAME	Owner	Owner Address	Status
712	**Centre of New England Blvd**	**C**	**Cilantro Grille**	**Commerce Park Reality**	**207 Quaker Lane**	**Pending**
718	**Centre of New England Blvd**	**C**	**Quiznos**	**Commerce Park Reality**	**207 Quaker Lane**	**ACTIVE 4/06**
666	MAIN ST	C	Harris Bar and Grill	MELANIS VASILIOS	705 MAIN STREET	ACTIVE
2311	NEW LONDON TPK	C	WENDY'S	CCF, LLC - DBA: WENDY'S	LEHIGH REALTY/BRIAN SHERMAN, 860 WATERMAN AVE, EAST PROVIDENCE RI 02914	ACTIVE
1600	NOOSENECK HILL RD	C	A-1 Pizza & Restaurant	COUNTRY PIZZA, C/O VSH REALTY INC. ATTN: A/P V0605	777 DEDHAM ST, CANTON MA 02021-1484	ACTIVE
1650	NOOSENECK HILL RD	C	Savario's Restaurant & Lounge	Boston Neck Reality Corp		ACTIVE
1600 1606	NOOSENECK HILL RD	C	Mealworks	MEALWORKS, C/O VSH REALTY INC - A/P V0605	777 DEDHAM ST, CANTON MA 02021-1484	ACTIVE
765	TIOGUE AVE	C	Borrelli's Pastry Shop	BORRELLI ALEXANDER P & BORRELLI JUNE M	765 TIOGUE AVE, COVENTRY RI 02816	ACTIVE
784	TIOGUE AVE	C	Taco Bell	L/M TACO RI INC., ATTN: MARY, ACCOUNTS PAYABLE	45 WALPOLE ST, SUITE 6, NORWOOD MA 02062	ACTIVE
900	TIOGUE AVE	C	STOP & SHOP	PURITY SUPREME/STOP & SHOP 10-720, C/O CHURCHILL & BANKS PROPERTIES	167 POINT ST, PROVIDENCE RI 02903	ACTIVE
1020	TIOGUE AVE	C	Daily Grind	TIOGUE AVENUE ASSOCIATES	C/O ROBECK MGMT, 89 PROVIDENCE HWY, WESTWOOD MA 02090	ACTIVE
1020	TIOGUE AVE	C	Spike's Junkyard Dogs	TIOGUE AVENUE ASSOCIATES	C/O GJS management 858 Washington Street, Dedham ,MA 02026	ACTIVE
1032	TIOGUE AVE	C	Ronzio Pizza & Subs	TIOGUE AVENUE ASSOCIATES	C/O GJS management 858 Washington Street, Dedham ,MA 02026	ACTIVE
1173	TIOGUE AVE	C	WAL-MART	NISC	3201 NYGREN DRIVE	ACTIVE
1020 1028	TIOGUE AVE	C	China Star	TIOGUE AVENUE ASSOCIATES	C/O GJS management 858 Washington Street, Dedham ,MA 02026	ACTIVE
781	Tiogue Avenue	C	Newport Creamery	Renaissance Developmaent Corp.	35 Sockanosset Crossroads Cranston, RI 02920	Active
789	Tiogue Avenue	C	Cumberland Farms/Britay's Deli and Catering	Cumberland Farms	777 Dedham Street, Canton MA 02021-1411	Active
800	Tiogue Avenue	C	DUNKIN DONUTS	John and Delorres Henderson	25 Greenhill Way , East Greenwich RI 02818	Active
821	Tiogue Avenue	C	Tom's Market	Thomas DeAngelis	36 River Run East Greenwhich, RI02818	ACTIVE
433	WASHINGTON ST	C	Tim Hortons NE Inc.	Tim Hortons NE Inc.		ACTIVE
470	**Washington Street**	**C**	**Village Deli**	**Caroline & ron Schopac**	**147 Gough Avenue, Coventry RI**	**ACTIVE 5/06**
637	**Washington Street**	**C**	**Pagliariani's Restaurant**	**Nelmor Reality**	**1375 Warwick Avenue, Warwick, RI**	**ACTIVE 4/06**
10	WOODLAND DR	C	COVENTRY HEALTH CENTER	COVENTRY HEALTH CENTER/BROOKSIDE VILLA	ATTN: CAROL A. MANCINI, 10 WOODLAND DR, COVENTRY RI 02816-6715	ACTIVE

TABLE 2-3
SILVER USERS

Parcel ID	Account No.	#	Location	User	Owner
241-0034-1-000	WA-2182-00-SW	1775	BALD HILL ROAD	Aspen Dental Associates	GREEN PLAZA CONDO ASSOCIATION, ATTN: CAROL ENNIS
005-0007-0-000	13-1084-40-SW	11	BANK ST	Raymond V. McConnell DDS	MCCONNELL RAYMOND V & MARILYNN TE
250-0005-0-000	WA-2190-00-SW	1121	CENTREVILLE RD	COLETTI, ALFRED J	COLETTI, ALFRED J
028-0535-0-000	03-2465-00-SW	328	COWESETT AVE	Cowesett Chiro Dr Jardin	COWESETT CONDO ASSOCIATION
028-0274-0-000	01-0589-00-SW	336	COWESETT AVE	Antony Tilelli DDS	APPOLONIA ERMA J TRUSTEE OF
005-0054-0-000	06-0442-00-SW	40	CURSON ST	Dr. Mark D. Fielder	FIELDER DOUGLAS B &
017-0093-0-000	19-1844-01-SW	1030	MAIN ST	Hanley Christopher J Jr Dentist	LABONTE JAMES M TRUSTEE
004-0083-0-000	18-0638-00-SW	1071	MAIN ST	Dr. Robert Reynolds DDS	REYNOLDS ROBERT C & CATHARINE RITTER TE
006-0086-0-000	07-0404-10-SW	1425	MAIN ST	Dr. Andrew Gazerro DDS	CRIS AN LLC
004-0081-0-000	01-0613-00-SW	1079	MAIN STREET	Dr. Albert Arcand, DDS	ARCAND MANAGEMENT LLC
241-0028-0-000	WA-2166-00-SW	80	QUAKER LANE	Robert Mier DDS	WARWICK INVESTORS I PARTNERSHIP
028-0544-0-000	13-1956-00-SW	247 251	QUAKER LANE	Wayne Mollohoan DMD	MOLLOHAN BURTON S ET UX
029-0390-0-000	03-1123-00-SW	693 725	QUAKER LANE	Greenwich Valley Veterinary	C/O STONE TOWER PROPERTIES
		121	**Sandy Bottom Road**	**Boatright Roberta Nadeau DSS**	**Boatright Roberta Nadeau DSS**
010-0448-0-000	07-0840-00-SW	64	TIOGUE AVE	Richard Barkin DDS	GIUSTI MARGARET
825-0245-0-000	CV-8066-00-SW	916-920	TIOGUE AVE	Tiogue Veterinary Clinic	ZAHORA RICHARD K REVOCABLE TRUST
253-0005-0-000	WA-2301-00-SW	1090	TOLLGATE RD	LURY, FREDERICK S DR	LURY, FREDERICK S DR
253-0010-0-000	33-0110-06-SW	1120	TOLLGATE RD	Santiago Estelita A DMD	RPB Properties
		1219	**Main Street**	**Thundermist Health Assoc. Inc.**	
241-0028-0-000	WA-2166-00-SW	80	QUAKER LANE	Robert Mier DDS	WARWICK INVESTORS I PARTNERSHIP

TABLE 2-3
SILVER USER LIST
PHOTO FINISHERS

Parcel ID	Account No.	#	Location	User	Owner	
002-0193-0-000	12-0814-50-SW	6	HIGHLAND STREET	Phenox Photo	LANOIE LOUIS A & LISA A LANOIE TE	
005-0023-0-000	16-0015-61-SW	1185	MAIN STREET	Brooks	P J C REALTY CO INC	C/O BROOKS PHARMACY
005-0148-0-000	13-0547-00-SW	1125	MAIN ST	CVS	MARNETT CORPORATION - CVS #00397-01	C/O ACIS - MAIL STOP 363, PO BOX 36280
006-0026-0-000	16-0002-10-SW		CROSSEN STREET	Kent County Times	P V T CORP	C/O P V DAILEY TIMES
009-0008-0-000	13-0284-00-SW	1734	MAIN STREET	CVS	MAIN STREET REMAINDER BUSINESS TRUST	CVS #2323-01, C/O PROPERTY TAX DEPT
040-0147-0-000	05-0008-80-SW	834	PROVIDENCE ST	CVS	EAST AVENUE REALTY	CVS #02384-02, C/O ACIS - MAIL STOP 363
838-0105-0-000	CV-8108-00-SW	763	TIOGUE AVE	CVS	COVENTRY LAKE CVS #00621-01	C/O ACIS - MAIL STOP 363, PO BOX 36280
910-0006-0-000	EG-9001-00-SW	1000	DIVISION ST	Walgreen's	E & A PORTFOLIO LIMITED PARTNERSHIP	ATTN: PRPRTY ACCNTNG, 1901 MAIN ST SUITE 900
		650	Centre of New England Blvd	WAL-MART Super center #2283	Wal Mart Stores,Inc	2001 SE10th St., Bentonville, AR 72716

TABLE 2-4
GRIT TRAP LIST

Parcel ID	#	Location	User	Owner	Owner Address	Status
255-0030-0-000	1390	BALD HILL RD	Scub-a- Dub	R & D REALTY DBA SCRUB-A-DUB	172 WORCESTER RD	ACTIVE
260-0010-0-000	1035	BALD HILL RD.	Bald Hill Subaru-Dodge	BALD HILL REALTY CO	1035 BALD HILL ROAD	ACTIVE
249-0014-0-000	1515	BALD HILL RD.	Inskip Motors	INSKIP, UAG WEST BAY AM LLC	1515 BALD HILL ROAD	ACTIVE
805-0013-0-000	80	CENTRE OF NE BLVD	Mack Truck	COMMERCE PARK ASSOCIATES #2, LLC	207 QUAKER LANE	ACTIVE
805-0026-0-000	140	CENTRE OF NE BLVD	Hertz Equipment Rental Corporation	COMMERCE PARK ASSOC. #10, LLC	207 QUAKER LN	ACTIVE
CV-8181-00-SW	700	CENTRE OF NE BLVD	Home Depot	ROADEPOT & KEYSERTON c/o HOME DEPOT USA	PO BOX 105842	ACTIVE
249-0003-0-000	1075	CENTREVILLE RD	Inskip Motors	CAR WAR LLC CAPITAL AUTOMOTIVE	8270 GREENSBORO DRIVE #9	ACTIVE
013-0552-0-000	128	COWESETT AVENUE	SunocoSevice Center	CARLUM VINCENT H ET UX	C/O SUN CO INC	ACTIVE
029-0415-0-000	265	COWESETT AVENUE	Ultra Carwash	DIMENSION ASSOCIATES INC		ACTIVE
028-0396-0-000	294	COWESETT AVENUE	Shell Food Mart	ABAA INVESTMENTS LLC		ACTIVE
012-0331-0-000	99	JAMES P MURPHY HIGHW	Paul Aspin	RHODE ISLAND INDUSTRIAL FACILITIES CORP	C/O ARPIN ASSOCIATES	ACTIVE
018-0118-0-000	938	MAIN STREET	Euro Motor Car	MAGLIOLI ENRICO & MAGLIOLI FILOMENA &	MAGLIOLI ANTONIO JT	ACTIVE
004-0419-0-000	1039	MAIN STREET	Lamb Motor Co.	LAMB MOTOR CO INC		ACTIVE
017-0041-0-000	1086	MAIN STREET	Metropolitan Gas Station	ZAMPA LENA SOLE TRUSTEE		ACTIVE
009-0098-0-000	1657	MAIN STREET	Scotti's Auto Body Inc Ca	LIMA ABEL L		ACTIVE
010-0103-0-000	1780	MAIN STREET	Texaco	BEGOS FRANK JR & BEGOS ALVIRA & BEGOS BONNIE CO-TRUSTEES OF THE ALVIRA	BEGOS REVOC TRUST	ACTIVE
829-0078-0-000	1612	NOOSENECK HILL RD	Starbright Carwash	BOSTON NECK REALTY CORP, C/O JOHN ASSALONE	1A LIENA ROSE WAY	ACTIVE
002-0477-0-000	13	PLEASANT STREET	Ta's Automotive Specialists Inc	ASSUMPICO ANTHONY & ASSUMPICO PEARL R		ACTIVE
017-0015-0-000	20	PROVIDENCE STREET	Atlas Auto Body & Radiator Works	CACCHIOTTI RALPH A JR &	THOMAS A SPARKS	ACTIVE
017-0028-0-000	31	PROVIDENCE STREET	Inskip Collision Center	INSKIP COLLISION CENTER, UAG WEST BAY AM LLC	1515 BALD HILL ROAD	ACTIVE
035-0010-0-000	334	PROVIDENCE STREET	Barber's Auto Sales & Body Works	FOLGO REALTY LLC		ACTIVE
039-0213-0-000	929	PROVIDENCE STREET	Brookfield Sevice Station	SILVA PAUL & ADELAIDE		ACTIVE
029-0041-0-000	375	QUAKER LANE	Pep Boys	PEP BOYS MANNY MOE & JACK OF DELAWARE, ATTN: TAX DEPT	P.O. BOX 5720	ACTIVE
029-0040-0-000	405	QUAKER LANE	Midland Hyundai	BOYAJIAN LEO D ET UX ROBERTA TE		ACTIVE
029-0019-0-000	509	QUAKER LANE	Majestic Motors	MAJESTIC MOTORS INC		ACTIVE
029-0390-0-000	525	QUAKER LANE	Fiore Pontiac-GMC Truck Fiore Volkswagen	FIORE INVESTMENT CORPORATION	A RI CORP	ACTIVE
028-0551-0-000	697	QUAKER LANE	Jenning Bros.	QVM LLC	C/O STONE TOWER PROPERT	ACTIVE
03-0658-70-SW	885	QUAKER LANE	Inskip Motors	CAR WAR LLC CAPITAL AUTOMOTIVE	8270 GREENSBORO DRIVE #9	PENDING
226-0013-0-000	870	QUAKER LN	Ocean Mitsubishi	CENTURY PROPERTIES, C/O MARK SJOBERG	200 CENTREVILLE RD	ACTIVE
226-0003-0-000	966	QUAKER LN	Arlington R.V. Supercenter Inc	SLS REALTY	966 QUAKER LN	ACTIVE
215-0030-0-000	1190	QUAKER LN (WARWICK)	Texaco Carwash	COLBEA ENTERPRISES LLC		ACTIVE
010-0426-0-000	1	TIOGUE AVENUE	G & B Automotive	GRILLO FRANK J		ACTIVE
010-0449-0-000	60	TIOGUE AVENUE	Astro Wrecker Service	COTNOIR JAMES 1/2 UNDIV INT & J E & T W ANDRADE 1/2 INT		ACTIVE
006-0791-0-000	291	WASHINGTON STREET	Kostyla Service STA	KOSTYLA SERVICE STATION INC		ACTIVE
003-0305-0-000	6	WESTLY STREET	Harrison Auto Body	HAYDEN HARRISON F		ACTIVE
	93	**Tiogue**	**West Warwick Auto**	**Casacalenda, Phip**		**Pending**
	650	**Centre of New England Blvd**	**WAL-MART Super center**	**Wal Mart Stores,Inc**	**2001 SE10th St., Bentonville, A**	**Pending**
		PROVIDENCE STREET	**Royal Mills at Riverpoint (Ace Dye)**	**Strrver Brother Eccles & Rouse**	**Rissing Sun's mill**	**Pending**

TABLE 2-5
LINT TRAP USER LIST

Parcel ID	Account No.	#	Location	User	Owner	Owner Address
807-0006-0-000	CV-8162-10-SW	850	CENTRE OF NE BLVD	Hampton Inn	COVENTRY LODGING ASSOCIATES, LLC, DBA HAMPTON INN COVENTRY	8441 COOPER CREEK BLVD
030-0032-0-000	05-0222-50-SW	1200	DIVISION ROAD	Extended Stay	ESA RHODE ISLAND INC., C/O BRE/ESA PROPERTIES LLC	C/O BLACKSTONE REAL EST ACQ IV
030-0083-0-000	18-0657-20-SW	14	JAMES P MURPHY HIGHW	Fairfield Suites	KENT HOTEL ASSOCIATES LP	
030-0092-0-000	11-0295-20-SW	10	KEYES WAY	Comfort Suites	NEHA/RUCHI LLC	DBA COMFORT SUITES
004-0214-0-000	18-0355-00-SW	1015	MAIN STREET	Ray's Polyclean	RAYS POLYCLEAN CENTERS INC	
009-0072-0-000	13-1148-50-SW	1705	MAIN STREET	Laundry Basket	MCDONOUGH CATHERINE L TRUSTEE OF THE CATHERINE L MCDONOUGH	
002-0581-0-000	12-2179-00-SW	755	MAIN STREET	Hudson's Dry Cleaners & Laundromat Inc	LEVY BARRY ET UX LEVY DOROTHY JT	
029-0137-0-000	01-0084-00-SW	22	MONTEREY DRIVE	Kansal's One Stop Laundry & Dry Cleaning	AGGARWAL GIRDHARILAL H & AGGARWAL GAYATRI	
828-0078-0-000	CV-8076-00-SW	1612	NOOSENECK HILL RD	Star bright Laundry	BOSTON NECK REALTY CORP, ATTN: ASCO GROUP	1A LIENA ROSE WAY
036-0076-0-000	02-1177-75-SW	560	PROVIDENCE STREET	Thorpes Laundromat	BOCHNER RONALD S & BOCHNER MEREDITH A TE	
029-0390-0-000	03-1123-00-SW	693	QUAKER LANE	Superb Cleaners	QVM LLC	C/O STONE TOWER PROPERTIES
240-0001-0-000	WA-2140-00-SW	300	QUAKER LN WARWICK	Deluxe Cleaners	AC COWESETT PURCHASER LLC, C/O AMCAP INC.	1281 EAST MAIN STREET, SUITE 200
241-0024-0-000	WA-2156-00-SW	24	QUAKER LN. UNIT A	Quaker Lane Coin Laundry	LITTERIO PROPERTIES, INC	
006-0172-0-000	03-1258-40-SW	126	ROBERT STREET	Artic Laundromat	MITURA ELIZBIETA & MITURA ZBIGNIEW TE	
010-0181-0-000	18-1496-70-SW	71	TIOGUE AVENUE	Cleanery	MITURA DIANE E & MITURA KRZYSZTOF JT	
273-0001-0-000	WA-2838-00-SW	245	WEST NATICK RD	Extended Stay	BRE/ESA PROP, LLC C/O BLACKSTONE REAL ESTATE ACQUISITION IV, L.L.C.	P.O. BOX 2440
007-0266-0-000	12-2418-01-SW	88	WEST WARWICK AVENUE	Riz Laundromat	LOMBARDI DOMENIC REALTY, ATTN: LAUNDRY	PO BOX 456
		4	**Universal Blvd**	**Windgate Inn**		

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SECTION 3

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272 W. Exchange Street, • Suite 201 • Providence, RI 02903-1025
Telephone: 401.454.7000 • Facsimile: 401.454.7415

3.0 MONITORING ACTIVITIES

The monitoring of industries located within the West Warwick sewer service region is conducted using several different methods. The purpose of this section is to elaborate on these various methods.

SELF-MONITORING

Industries which are classified as Class i, ii, iii or iv are required to self-monitor and report results to the Industrial Pretreatment Program. Classification i, ii and iii industries are required to sample and analyze their production wastewater. Classification iv industries report water usage only. By definition, Class iv industries discharge only sanitary/non-toxic wastewater, and therefore, no production wastewater is discharged into the collection system.

ANNUAL SIU INSPECTIONS

The West Warwick Industrial Pretreatment Program conducts yearly inspections of all Significant Industrial Users located within the service area, as specified by 40CFR403.8(f)(2)(v). Annual inspections are conducted in accordance with the guidance manual entitled Industrial User Inspection and Sampling Manual for POTW's, Environmental Protection Agency, April 1994.

In addition to the annual inspections, the Industrial Pretreatment Program also conducts random surprise inspections, or visits, to any industrial facility (SIU or otherwise) it deems necessary. In general, each SIU is randomly (unannounced) visited in order to discuss pretreatment events, problems, or even a brief tour of the facility in order to assure continued compliance with pretreatment requirements, or simply just to express an interest in the company. Such visits are not deemed as official inspections, as no standard checklist is followed, and the reason for said visit may vary based upon the time of year and type of industry. Such visits may also be in response to problems existing at the Treatment Facility or in the collection system. Such visits may be conducted at the largest industrial user in the region, or at the smallest commercial facility. Under most conditions, these "miscellaneous inspections" are conducted randomly, and are documented by inter-office memorandums. Should the situation or circumstance warrant documentation in the form of a letter, or in

extreme cases an enforcement action and permit issuance by the Program, then the inspection is documented in the appropriate format.

PERIODIC NON-SIU INSPECTIONS

It has been a longstanding policy of the Program to express a "hands on" interest to all commercial and industrial users of the service area. In 2005 and 2006, the Program continued this policy by conducting unannounced visits to many users, especially restaurants, with regards to grease interceptor requirements, and gas stations for oil/water separators.

In general, this reporting year saw an increase in inspections and "visits" which were conducted. This not only increased the sense of public participation, but also provided a sense of presence, demonstrating to all users that the Sewer Department takes an active interest in all sewer-related concerns. While this interest is indeed genuine, it also serves as a deterrent to potential misuse of the system, thereby furthering compliance to all Sewer Department regulations, pretreatment or otherwise.

2005 - 2006 INSPECTIONS

All of the Significant Industrial Users were given Annual SIU Inspections and sampled (where applicable) by the Program, as demonstrated in Table 3-1. During the reporting year, all SIUs were inspected. Cal Chemical is a Zero Discharge User and, therefore, no testing was required.

TABLE 3-1
SIU INSPECTION CHECKLIST

Industry	Permit No.	Date Inspected
Amtrol	WW-033	December 8, 2005
Bradford Soap Works	WW-008	November 16, 2005
CAL Chemical	WW-010	March 28, 2006
Dryvit Systems	WW-025	September 29, 2005
Immunex of Rhode Island (Amgen)	WW-020	November 9, 2005
Soluol Chemical	WW-009	September 22, 2005
Warwick Ice Cream	W-01	November 8, 2005

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SECTION 4

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4.0 ENFORCEMENT ACTIVITIES

The purpose of this section is to review permitting and enforcement activities of the West Warwick Industrial Pretreatment Facility over the previous reporting year.

4.1 PERMITTING

The Industrial Pretreatment Program currently permits eight (8) industrial users. Of these users, one (1) is categorical, one (1) discharges prohibited pollutants (but is not categorical),five (5) discharge conventional pollutants, and one (1) has the potential of discharging pollutants into the collection system.

SIU permits are issued annually. Each permit issued to a user that discharges production wastewater into the collection system contains, at a minimum, the following requirements:

(A) Statement of duration (in no case more than five years);

(B) Statement of non-transferability without, at a minimum, prior notification to the POTW and provision of a copy of the existing control mechanism to the new owner or operator;

(C) Effluent limits based on applicable general pretreatment standards in 40CFR403 categorical pretreatment standards, local limits, and State and local law;

(D) Quarterly self-monitoring, sampling, reporting, notification and record keeping requirements, including an identification of pollutants to be monitored, sampling location, sampling frequency, and sample type, based on the applicable general pretreatment standards in part 403, categorical pretreatment standards, local limits, and State and local law;

(E) Statement of applicable civil and criminal penalties for violation of pretreatment standards and requirements, and any applicable compliance schedule;

(F) Fact Sheet

(G) Graphic delineation of sample location, if applicable.

In summary, the permits issued by the Program are in accordance with 40CFR403.8(f)(iii).

The Program currently permits one (1) SIU which does not discharge process wastewater into the collection system but has the potential to do so (CAL Chemical). This industry has been issued a permit to discharge sanitary wastewater only. In general, the permit is the same as those for SIU's with the exception that self-monitoring of their sanitary wastewater is not required. This industry still reports on a bi-annual basis (usually stating that their process has not changed) and also reports their water usage.

All SIU Wastewater Discharge Permits are issued (or re-issued) by the Industrial Pretreatment Program under the review of the Superintendent of the West Warwick Regional Wastewater Treatment Facility. Permits are written under the supervision of the Superintendent and are issued directly to the SIU, who has the option of requesting a hearing should they wish to contest a portion of the permit. All permits are issued annually.

4.2 PERMITTING ACTIONS

Last year the permit expiration dates were staggered and some permits were issued for more than one year. Therefore this year not all SIU's required a new permit. This year Amtrol , Bradford Soap, Immunex of RI, and Soluol were issued new permits.

TABLE 4 -1
SIU PERMIT CHECKLIST

Industry	Permit No.	Date Issued	Expiration date	New Permit Issued	Type	New Permit Expires
Amtrol	WW-033	June 24, 2004	June 30, 2005	June 24, 2005	Renewal	Feb. 28, 2007
Bradford Soap Works	WW-008	June 24, 2005	Mar 31, 2006	Mar 24, 2006	Renewal	Mar 31, 2007
CAL Chemical	WW-010	June 24, 2004	June 30, 2005	June 24, 2005	Renewal	Dec. 30, 2007
Dryvit Systems	WW-025	June 24, 2004	June 30, 2005	June 24, 2005	Renewal	Feb. 28, 2007
Immunex of RI (Amgen)	WW-020	June 24, 2005 Rev. Feb. 21, 2006	June 30, 2006	June 26, 2006	Renewal	June 30, 2007
Riverpoint Lace	WW-007	June 24, 2004	June 30, 2005	June 24, 2005	Renewal	Feb. 28, 2007
Soluol Chemical	WW-009	June 24, 2005	June 30, 2006	June 26, 2006	Renewal	June 30, 2007
Warwick Ice Cream	W-01	June 24, 2004	June 30, 2005	June 24, 2005	Renewal	Feb. 28, 2007

4.3 PERMIT BREAKDOWN

The following is a summary of the classifications of each SIU serviced by the Regional Facility:

CATEGORICAL INDUSTRIES

There is one industry served by the Program which is classified as an EPA Categorical Industry: Soluol Chemical Company.

Soluol Chemical is a manufacturer of polyurethane resins, polyesters and textile auxiliaries. Soluol Chemical is regulated by standards established in 40CFR414.55, organic chemical manufacturers. Soluol Chemical has complied with both monthly and quarterly reporting requirements.

INDUSTRIES DISCHARGING TOXIC OR PROHIBITED POLLUTANTS

There is presently one industry which is classified as discharging toxic or prohibited pollutants: Dryvit Systems, Inc.

Dryvit Systems, Inc. manufactures water-based synthetic stucco to be used as exterior insulation and finishes.

SIGNIFICANT NON-CATEGORICAL INDUSTRIES

Currently, the Town of West Warwick has listed five (5) significant, non-categorical industries. A brief descriptive summary of these industries is presented in Table 4-2.

TABLE 4 - 2
NON CATEGORICAL SIU DESCRIPTION

Immunex of Rhode Island , a subsidiary of Amgen Inc. Pharmaceutical (not covered under 40 CFR 439) SIC: 3433 "A"Flow: 115,904 GPD "B" Flow: 77,854 GPD	Warwick Ice Cream Ice Cream Maker SIC: 2024 Flow: 1,826GPD

TABLE 4 - 2 NON CATEGORICAL SIU DESCRIPTION			
Original Bradford Soap Works Soap Manufacturer SIC: 2841	Flow: 12,337 GPD	Riverpoint Lace Works Dyeing of Lace SIC: 2292	Flow: 51,855GPD
Amtrol, Inc. Metal Tank Manufacturer SIC: 3433	Flow: 3,431 GPD		

POTENTIAL DISCHARGERS

One industry, classified as Class (iv) "Industries with sanitary or non-toxic discharges using solvents, toxic chemicals, and/or hazardous chemicals that could potentially be discharged into the sewers", was issued an SIU Permit. That industry is CAL Chemical. The permit issued to this industry forbids them from discharging industrial production process wastewater into the sewer system.

CAL Chemical is an inorganic chemical manufacturer which produces surfactants and oxidants for the textile industry. All production water is reused, and should a spill occur, the industry houses a 500-gallon containment tank with alarms and a 10,000-gallon pump station for further containment. Due to these facts, CAL Chemical has been issued a Permit which relieves them from self-monitoring, but prevents the discharge of process wastewater. The permit also contains all of the standard requirements typically found in permits issued by the Program.

PROPOSED DISCHARGERS

At this time, the Program cannot foresee any additional permits being issued for significant industrial users. However, due to the expansion of the collection system in Coventry, the Program does anticipate the Commercial User base to increase.

COMPLETE SIU SUMMARY

Table 4-3 has been prepared in order to provide a quick but accurate representation of the permitted industrial users previously discussed. This table gives a unique perspective not only to the size of the industry, but also

to the volume of pollutants, both conventional and metals. As can be seen, two of the dischargers contribute large (over 30,000 GPD) quantities of wastewater, one of which include high organic concentrations. A review of the metal results reveals no serious metal contributions.

4.4 ENFORCEMENT ACTION SUMMARY

UNRESOLVED ISSUES

Due to the timing of self-monitoring reports and the issuance of the Annual Report, some enforcement issues presented in last year's report were not completely resolved. The purpose of this section is to present those enforcement actions which were in progress at that time, and to verify that they have been resolved.

Amtrol ended the year in significant violation for iron and permit violation for BOD. The company has hired a consulting firm to resolve the problems.

Dryvit Systems ended the year in permit violation for BOD. The company has re-tested in July. At the time of printing, the data had not been received.

Warwick Ice Cream ended the year with a permit violation for BOD. The company has re-tested in July. At the time or printing, the data had not been received.

A new Local Limits Derivation will be completed during the next permit year. The Program expects this evaluation will provide some relief to the users struggling with compliance for the parameters of Iron, Sulfide, BOD and Zinc. The data collected to date would indicate the treatment process has sufficient capacity to handle sightly higher concentrations of BOD using a surcharge system. Iron and Sulfide have not previously been technically evaluated. The data indicates a great amount of capacity available and question the need for a local limit for the parameter. The data would also indicate capacity available for Zinc. The guidance for establishing a local limit has changed since the last evaluation. The parameter has not been found to cause interference at the facility, and therefore, the criterion for the development of the limit will change.

AMTROL, INC.
1400 DIVISION ROAD, PO BOX 1008
WEST WARWICK, RI, 02893
CONTACT: ROBERT PERROTTI

PERMIT NUMBER: WW-033
PHONE: 884-6300
FAX: 885-2567

INDUSTRIAL DISCHARGER WASTEWATER CHARACTERISTICS

BLUE TYPEFACE INDICATES "LESS THAN" VALUE
GREEN TYPEFACE INDICATES SAMPLING BY PRETREATMENT PROGRAM
YELLOW FILL INDICATES A VALUE WHICH EXCEEDS THE MONTHLY LIMIT

	LIMITS:	1,230	1,087	N.A.	100	20	700	800	1,000	150	1	1,000	80	600	190	QUARTERLY					1,000	1,000		
	FLOW (gpd)	BOD (mg/l)	TSS (mg/l)	COD (mg/l)	O&G (mg/l)	CADMIUM (ug/l	CHROM. (ug/l	COPPER (ug/l	IRON (ug/l	LEAD (ug/l	MERCURY (ug/l	NICKEL (ug/l	SILVER (ug/l	ZINC (ug/l	CYANIDE (ug/l	FLOW (gals.)	pH	pH	pH	pH	SULFIDES (ug/l	PHENOL (ug/l	T.NITRO (mg/l)	PHOS (mg/l)
7/20/2005									493															
9/15/2005	3,690	832	25	3160	10	10	20	954	1,560	50	0.5	20	10	879	50		8.5	8.5	8.5	8.5	50	10	124.1	
9/16/2005	2,070	1,130	36	4320	13	10	20	473	165	50	0.5	20	10	476	50	5,001,247	8.5	8.5	8.5	8.5	50	10	104.8	
11/1/2005														609										
														854										
11/22/2005														188										
11/23/2005														50										
12/20/2005	3,191	2100	210	7000	220	5	30	2000	6000	40	0.5	30	20	1200	10		8.7	8.7	8.6	8.7	25	50	45	18
12/14/2005	1,160	1,840	58	5870	206	10	20	791	3,490	50	0.5	20	10	872	50	3,775,243	8.5	8.5	8.5	8.5	50	100	56.4	64.7
12/15/2005	2,950	934	50	3990	70	10	20	765	3,800	50	0.5	20	10	516			9	9	9	9	50	180	149.3	16.9
1/19/2006	3,930	1,580			58				2,690					673										
1/20/2006	6,260	1,600			21				1,230					147										
2/22/2006	2,110	1,130							8,310															
2/23/2006	4,650	1,190							6,660															
3/8/2006	3,330	2,170	56	9300	72	10	20	854	5,240	50	0.5	20	10	786	50		9.3	9.3	9.4	9.4	50	100	114	16.1
3/9/2006	2,410	846	54	4230	30	10	20	1,240	3,970	50	0.5	20	10	836	50	3,749,894	9	9	9	9	50	100	82	84.4
4/26/2006	2,680	1,700						461	2,960					250										
4/27/2006	2,320	2,050						954	6,330					250										
6/1/2006	4,290	816							6,100															
6/14/2006	7,440	1,520	120	7350	77	10	20	768	7,510	50	0.5	50	10	415	50		9.4	9.4	9.4	9.4	60	220	114.5	9.4
6/15/2006	2,410	1,910	160	8780	72	10	20	620	7,050	50	0.5	50	10	551	50	3,749,894	9	9	9	9	50	120	84.7	11.4
Average	**3,431**	**1,459**	**85**	**6,000**	**77**	**9**	**21**	**898**	**4,327**	**49**	**0.5**	**28**	**11**	**562**	**45**	**4,069,070**	**9**	**9**	**9**	**9**	**48**	**99**	**97**	**32**

TABLE 4-3

TOWN OF WEST WARWICK
WATER POLLUTION CONTROL FACILITY

30 JUNE 2006

DRYVIT SYSTEMS INC.
ONE ENERGY WAY
WEST WARWICK, RI, 02893
CONTACT: Charles Osborn

PERMIT NUMBER: WW-025
PHONE: 822-4100 350
FAX: 823-8820

INDUSTRIAL DISCHARGER WASTEWATER CHARACTERISTICS

BLUE TYPEFACE INDICATES "LESS THAN" VALUE
GREEN TYPEFACE INDICATES SAMPLING BY PRETREATMENT PROGRAM
YELLOW FILL INDICATES A VALUE WHICH EXCEEDS THE MONTHLY LIMIT

840

	FLOW (gpd)	BOD (mg/l)	TSS (mg/l)	COD (mg/l)	O&G (mg/l)	CADMIUM ug/l	CHROM. ug/l	COPPER ug/l	MERCUREY ug/l	IRON ug/l	LEAD ug/l	NICKEL ug/l	SILVER ug/l	ZINC ug/l	CYANIDE ug/l	FLOW (gals.)	pH	pH	pH	pH	624&625 ug/l	PHENOL ug/l	SULFIDE ug/l	T.NITRO	P
LIIMITS:	1,230	1,087	N.A.	100	20	700	800	1	1,000	150	1,000	80	600	190	QUARTERLY		6.0 - 10.0				1,000	1,000	1,000		
7/26/2004		743																							
8/4/2005		1190																							
9/15/2005	2500	174	25	2400	85	8	6	20	0.2	510	75	6	5	20	10		8.43	8.21	8.5	8.39	4.6				
9/16/2005	2500	104	45	2550	111	5	5	20	0.2	150	5	8	5	20	10	165,000	8.31	8.37	8.43	8.38					
9/29/2005	2500	870	110	2700	1.2	5	30	50	0.5	80	40	20	20	20	10		9.01	10.09	8.8	8.74	134	60	56	57	0.08
12/7/2005	2500	3350	36	2600	90	5	5	20	0.2	100	5	6	5	20	10		9.26	9.19	9.05	9.02	3	50	20		
12/8/2005	2500	1630	47	2210	59	5	5	20	0.2	260	15	8	5	110	10	165,000	9.1	8.77	7.3	9.33					
1/16/2006	2500																							82	0.7
1/20/2006		1360																							
3/2/2006	2500	965																							
3/3/2006	2500	925																							
3/7/2006	2500	1130	16	2500	105	5	5	20	0.2	50	5	5	5	20	10		9.1	8.98	8.56	8.58	905	50	20	147	1
3/8/2006	2500	897	35	2600	136	5	5	20	0.2	60	5	5	5	40			8.9	8.68	8.6	8.82					
3/29/2006	2500				6																				
3/30/2006	2500				12											157,500									
6/6/2006	3000	1390	73	3080	9	4	5	20	0.2	130	5	5	5	150	10		9.45	9.54	8.97	9.25	1	50	20	63.5	0.02
6/7/2006	3000	1840	134	3030	34	4	5	20	0.2	100	5	5	5	20		157,500	8.5	9.57	9.24	9.15	1	50	20	65.8	0.04
6/27/2006	2500	1290																							
6/28/2006	2500	1430																							
Average	2,563	1,218	58	2,630	59	5	8	23	0	160	18	7	7	47	10	161,250	9	9	9	9	175	52	27	83	0

IMMUNEX RHODE ISLAND
WEST GREENWICH TECHNOLOGY PARK
40 TECHNOLOGY WAY
WEST GREENWICH, RI 02817

CONTACT: RICH GIROSOLE JR.
PERMIT NUMBER WW-020
PHONE: 392-1200
FAX: 392-3796

INDUSTRIAL DISCHARGER WASTEWATER CHARACTERISTICS
PRODUCTION "A"

BLUE TYPE INDICATES "LESS THAN " VALUES.
GREEN TYPE INDICATES PRETREATMENT PROGRAM INSPECTION SAMPLE.

	LIMITS:	1,230	1,087	N.A.	100	20	700	700	1,000	1	150	1,000	80	600	190	QUARTERLY	6.0 to 11.0				1,000	1,000		
	FLOW (gpd)	BOD (mg/l)	TSS (mg/l)	COD (mg/l)	O&G	CADMIUM ug/l	CHROM. ug/l	COPPER ug/l	IRON ug/l	MERCURY ug/l	LEAD ug/l	NICKEL ug/l	SILVER ug/l	ZINC ug/l	CYANIDE ug/l	FLOW (gals.)	pH S.U.	pH S.U.	pH S.U.	pH S.U.	PHENOL ug/l	SULFIDES	PHOSPORUS	T. NITRO
9/8/05	119,288	542	29	1,240		10	20	67	116	0.5	50	20	10	58	50		9.3	8.8	9.8	9.5	100	60	9.6	175
9/9/05	99,512	1,090	38	2,210		10	20	76	159	0.5	50	20	10	82		10,864,536	9.5	9.6	9.1	9.3	100	50	10.2	518
11/10/05	106,653	690	36	1,200	2	5	30	50	80	0.5	40	20	20	40	10		10.0	8.0	8.1	10.0	10	250	12	76
12/2/05	122,632	756	10	1,240		10	20	53	184	0.5	50	20	10	61	50		9.9	8.9	9.7	9.5	100	50	15.9	399.3
12/3/05	124,720	433	6	783		10	20	97	100	0.5	50	20	10	50		10,707,816	9.5	9.7	8.7	7.6	100	50	19.2	50
3/2/06	133,888	468	14	1,190		10	20	274	100	0.5	50	20	10	82			9.6	9.9	9.7	9.6	150	50	16.7	
3/3/06	128,688	564	12	1,310		10	20	290	100	0.5	50	20	10	59	50	10,355,520	9.5	10.1	10.0	9.6	100	50	8.6	
5/2/06	100,096	894	11	1,630		10	20	248	101	0.5	50	20	10	62	50		7.2	10.2	9.7	9.8	100	50	32.4	265.1
5/3/06	107,656	619	10	1,520		10	20	432	207	0.5	50	20	10	85		8,651,752	10.0	10.1	9.8	9.5	110	50	7.3	85.97
AVERAGE	115,904	673	18	1,369	2	9	21	176	127	1	49	20	11	64	42	10,144,906	9	9	9	9	97	73	15	224

IMMUNEX RHODE ISLAND (a.k.a. AMGEN)
WEST GREENWICH TECHNOLOGY PARK
40 TECHNOLOGY WAY
WEST GREENWICH, RI 02817

CONTACT: RICH GIROSOLE JR.
PERMIT NUMBER WW-020
PHONE: 392-1200
FAX: 392-3796

INDUSTRIAL DISCHARGER WASTEWATER CHARACTERISTICS
PRODUCTION "B"

BLUE TYPE INDICATES "LESS THAN" VALUES.
GREEN TYPE INDICATES PRETREATMENT PROGRAM INSPECTION SAMPLE.

	LIMITS:	1,230	1,087	N.A.	100	20	700	700	1,000	1	150	1,000	80	600	190	QUARTERLY		6.0 to 10.0			1000	1000		
	FLOW (gpd)	BOD (mg/l)	TSS (mg/l)	COD (mg/l)	O&G	CADMIUM ug/l	CHROM. ug/l	COPPER ug/l	IRON ug/l	MERCURY ug/l	LEAD ug/l	NICKEL ug/l	SILVER ug/l	ZINC ug/l	CYANIDE ug/l	FLOW (gals.)	pH S.U.	pH S.U.	pH S.U.	pH S.U.	PHENOL ug/l	SULFIDES	PHOSHORUS	T. NITRO
9/7/05	88,353	675	26	1270		10	22	145	307	0.5	50	20	10	55	50		9.0	8.6	9.4	9.2	100	50	411	118
9/8/05	108,107	1500	41	2470		10	20	193	303	0.5	50	20	10	74		7,495,972	8.9	9.1	8.8	8.8	100	50	230	193
11/10/05	63,722	740	28	1,600	4	5	30	110	150	0.5	40	20	20	30	10		9.3	10.3	10.07	9.7	10	250	560	160
12/2/05	79,862	1,020	16	1920		10	20	20	215	0.5	50	20	10	94	50		9.2	8.5	9.0	9.1	100	50	302	63
12/3/05	88,270	65	141	141		10	20	20	117	0.5	50	20	10	50		7,222,494	10.4	8.5	10.4	9.0	100	50	278	9
12/9/05	108,058	1,540																						
12/10/05	63,644	80																						
3/2/06	89,809	508	7	978		10	20	20	569	0.5	50	20	10	74	50		7.9	9.5	9.4	10.1	100	50	231	31
3/3/06	76,512	160	5	312		10	20	20	374	0.5	50	20	10	50		5,329,592	8.9	9.6	9.4	9.0	100	50	212	3
6/1/06	131,853	747	117	1830		10	20	238	115	0.5	50	20	10	71	50		8.0	9.5	9.4	9.5	180	50	259	266
6/2/06	110,027	609	39	1820		10	20	181	107	0.5	50	20	10	67		9,981,418	8.9	9.4	9.4	8.9	100	50	214	251
AVERAGE	**77,854**	**855**	**28**	**1,746**	**28**	**10**	**22**	**69**	**210**	**1**	**50**	**22**	**11**	**67**	**46**	**5,424,449**	**9.3**	**9.4**	**9.2**	**9.2**	**108**	**69**	**245**	**156**

ORIGINAL BRADFORD SOAP WORKS
PO BOX 1001, 200 PROVIDENCE STREET
WEST WARWICK, R.I. 02893
CONTACT: CHRISTIAN JEDSON, DIRECTOR OF ENGINEERING
CONTACT: DAVID SETZLER, PROCESS ENGINEER

PERMIT NUMBER: WW-008
PHONE: 821-2144
FAX: 821-5960
381-6276

INDUSTRIAL DISCHARGER WASTEWATER CHARACTERISTICS

BLUE TYPEFACE INDICATES "LESS THAN" VALUE
GREEN TYPEFACE INDICATES SAMPLING BY PRETREATMENT PROGRAM
YELLOW FILL INDICATES A VALUE WHICH EXCEEDS THE MONTHLY LIMIT

	LIMITS:	1,230	1,087	N.A.	20	700	800	1,000	150	1	1,000	80	600	190	QUARTERLY					100	1,000	1,000		
	FLOW (gpd)	BOD (mg/l)	TSS (mg/l)	COD (mg/l)	CADMIUM (µg/l)	CHROM. (µg/l)	COPPER (µg/l)	IRON (µg/l)	LEAD (µg/l)	MERCURY (µg/l)	NICKEL (µg/l)	SILVER (µg/l)	ZINC (µg/l)	CYANIDE (µg/l)	FLOW (gals.)	pH	pH	pH	pH	O&G (mg/l)	PHENOL ug/l	SULFIDES ug/l	T.NITRO (mg/l)	PHOS (mg/l)
7/21/2005								4,390																
9/1/2005								3,490																
9/6/2005	6567	2270	40	28100	5	14	450	3,400	38	0.2	431	5	160	10		10.0	7.1	7.3	10.0		30	10	9.7	1.0
9/7/2005	7032	3290	54	28400	5	23	480	4,300	46	0.2	424	5	180		627,825	8.8	9.8	8.3	7.9					
10/20/2005	21261	1500						3,020																
11/17/2005	15,921	346						1,160																
11/17/2005	15,921	220	12	690	5	30	220	1,500	40	0.5	50	20	50	10		9.2	9.4	8.9	9.2	2.8	10	250	1.1	0.3
12/15/2005	19833	1346	23	2310	5	5	1340	2,080	15	0.2	154	5	110	10		9.9	9.9	9.9	9.9		50	20	3.0	1.5
12/16/2005	18701	806	15	2120	5	5	1490	1,860	20	0.2	190	5	80	10	1,352,888	7.3	7.7	7.6	7.3		50	20	1.4	0.7
1/10/2006	11677	726					3710	1,810																
1/12/2006	15319	100					470	650																
2/7/2006	14349	104					120	420																
3/14/2006	8334	100	9	118	5	5	60	410	5	0.2	5	5	60	10		7.6	7.0	7.0	7.8		50	20	1.9	3.7
3/15/2006	12254	100	16	113	5	5	80	410	5	0.2	5	5	60	10	1,176,901	7.1	7.1	7.2	7.2		50	20	2.0	1.9
6/7/2006	6606	13	20	3.6	5	30	50	530	40	0.5	20	20	80	10		8.1	9.1	9.7	9.4	6.3	10	250	0.6	1.0
6/8/2006	11454	4.3	40	24	5	30	160	1000	40	0.5	5	20	120	10	603,685	7.9	9.4	8.3	10.7	4.8	10	250	1.6	2.8
AVERAGE	13,231	780	25	6,875	5	16	719	1,902	28	0	143	10	100	10	940,325	8.4	8.5	8.2	8.8	5	33	105	2.7	1.6

ORIGINAL BRADFORD SOAP
BOD HISTORY

DATE	FLOW (Q)	BOD(mg/l)	monthly average (mg/l)	BOD (lbs/day)
28-Jul-05	7,520	2,170	965	136
4-Aug-05	7,249	1,060		64
11-Aug-05	4,959	354		15
18-Aug-05	4,740	1,694		67
25-Aug-05	4,740	832	985	33
1-Sep-05	5,779	2,394		115
6-Sep-05	6,567	2,270		124
7-Sep-05	7,032	3,290		193
15-Sep-05	7,055	1,395		82
22-Sep-05	7,055	2,130		125
29-Sep-05	7,055	4,910	2,732	289
6-Oct-05	15,139	2,760		348
13-Oct-05	17,984	1,270		190
20-Oct-05	21,298	1,500		266
28-Oct-05	21,261	458	1,497	81
3-Nov-05	14,068	886		104
17-Nov-05	15,921	346		46
30-Nov-05	22,084	650	627	120
20-Dec-05	19,833	1,346		223
16-Dec-05	18,701	806		126
20-Dec-05	11,969	2,252		225
21-Dec-05	18,727	1,572		246
22-Dec-05	13,752	100		11
23-Dec-05	15,513	100	1,029	13
10-Jan-06	22,193	726		134
12-Jan-06	15,319	100		13
19-Jan-06	18,027	729		110
20-Jan-06	16,126	710	566	95
7-Feb-06	14,349	104		12
8-Feb-06	21,893	114		21
15-Feb-06	15,027	78		10
24-Feb-06	13,645	95	98	11
7-Mar-06	7,828	338		22
14-Mar-06	8,334	100		7
15-Mar-06	12,254	100		10
17-Mar-06	11,190	17		2
23-Mar-06	12,657	370		39
28-Mar-06	4,707	200	188	8
4-Apr-06	9,955	230		19
12-Apr-06	8,892	220		16
18-Apr-06	3,149	56		1
25-Apr-06	10,797	72	145	6
2-May-06	9,154	26		2
9-May-06	9,753	160		13
17-May-06	8,309	120		8
23-May-06	6,110	36	86	2
7-Jun-06	6,606	13		1
8-Jun-06	11,454	4		0
14-Jun-06	1,394	9		0
16-Jun-06	2,783	7		0
23-Jun-06	3,674	16		0
28-Jun-06	3,654	8	10	0
AVERAGE	11,364	782	744	72
AVE '04-'05	21,751	1,832	1,667	322

BLUE TYPEFACE INDICATES "LESS THAN" VALUE

YELLOW FILL INDICATES A VALUE WHICH EXCEEDS THE MONTHLY LIMIT

TABLE 4-3

TOWN OF WEST WARWICK
WATER POLLUTION CONTROL FACILITY

30 JUNE 2006

RIVERPOINT LACE WORKS, INC.
825 MAIN STREET, PO BOX 231
WEST WARWICK, RI, 02893
CONTACT: JOHN HAYES III, VICE PRES.

PERMIT NUMBER :WW-007
PHONE: 821-2070
FAX: 821-0390

INDUSTRIAL DISCHARGER WASTEWATER CHARACTERISTICS

NOTE: BLUE TYPE INDICATES "LESS THAN" VALUE.
NOTE: GREEN TYPE INDICATES SAMPLE TAKEN BY TOWN.
YELLOW FILL INDICATES A VALUE WHICH EXCEEDS THE MONTHLY LIMIT

	LIMITS:	1,230	1,087	N.A.	20	700	800	1,000	150	1	1,000	80	600	190	QUARTERLY					1,000	100	1,000		
	FLOW (gpd)	BOD (mg/l)	TSS (mg/l)	COD (mg/l)	CADMIUM (ug/l)	CHROM. (ug/l)	COPPER (ug/l)	IRON (ug/l)	LEAD (ug/l)	MERCURY (ug/l)	NICKEL (ug/l)	SILVER (ug/l)	ZINC (ug/l)	CYANIDE (ug/l)	FLOW (gals.)	pH	pH	pH	pH	PHENOL (ug/l)	O&G (mg/l)	SULFIDES (mg/l)	T.NITRO	PHOS
7/29/2005					10	20	20	100	50	0.5	20	10	5,670											
9/29/2005	49,856	179	9	747	10	20	67	227	50	0.5	20	10	81	50		7.6	7.8	7.8	7.6	100	24	50	5.8	1.2
9/30/2005	52,856	158	11	789	10	20	72	287	50	0.5	20	10	97		3,060,000	8	7.9	7.9	7.08					
11/30/2005	51,814	54	56	630	5	150	50	320	40	0.5	20	20	190	10						10	26	1200	21.0	9.0
12/20/2005	58,695	42	20	500	2.5	9	27	218	10	0.2	5	10	82	10		6.84	7.15	7.05	7	160	24.8	1600	29.4	5.7
12/21/2005	56,895	202	68	724	2.5	145	25	56	33	0.2	5	10	105		2,896,583	7.1	7.23	7.08	7.26					
1/31/2006	53,896																					50		
3/23/2006	53,256	131	39	520	2.5	147	120	674	15	0.2	5	7	89	10		6.82	6.86	7.1	7.04		1.3	18400	13.7	6.7
3/24/2006	52,890	122	61	421	2.5	122	45	544	9	0.2	0.2	7	89		2,388,285	6.83	6.74	6.89	6.69	296				
4/27/2006																						4010		
5/3/2006																						17600		
6/28/2006	43,620	113	134	511	2.5	114	16	510	15	0.2	0.2	7	99	10		6.79	6.54	6.59	7.12	83	10.4	1200	11.3	0.9
6/29/2006	46,816	20	73	248	2.5	84	14	260	8	0.2	0.2	7	99		1,944,274	7.05	6.95	6.89	6.98					
7/12/2006																						50		
AVERAGE	52,059	113	52	566	5	83	46	320	28	0	10	10	660	18	2,572,286	7.1	7.1	7.2	7.1	130	17	4,907	16.2	4.7

SOLUOL CHEMICAL CO., INC.
GREEN HILL & MARKET STREETS
PO BOX 112
WEST WARWICK, RI, 02893
CONTACT: GENE LAYCHAK, PLANT DIRECTOR

PERMIT NUMBER: WW-009
PHONE: 821-8100
FAX: 823-6673

INDUSTRIAL DISCHARGER WASTEWATER CHARACTERISTICS

NOTE: BLUE TYPEFACE INDICATES "LESS THAN" VALUE.
NOTE:GREEN TYPEFACE INDICATES TOWN SAMPLE.

	LIMIT:	1,230	1,087	N.A.	100	20	700	800		150	1,000	80	600	1,000	1,000	190	1,000						
	FLOW (gpd)	BOD (mg/l)	TSS (mg/l)	COD (mg/l)	O&G (mg/l)	CADMIUM ug/l	CHROM. ug/l	COPPER ug/l	MERCURY	LEAD ug/l	NICKEL ug/l	SILVER ug/l	ZINC ug/l	PHENOL ug/l	SULFIDE ug/l	CYANIDE ug/l	IRON ug/l	pH	pH	pH	pH	NITROGEN (mg/l)	PHOS (mg/l)
9/7/05	44,035	16	10	29	5	6	20	30	0.3	10	50	30	50		30	20	200	8.4	9.7	10.2	8.8		
9/8/05	45,830	3	10	20		6	20	30	0.3	10	50	30	50					7.8	9.2	9.9	8.2		
9/22/05	24,134	8	2	23	1	5	30	50	0.5	40	20		20	10	250	10	200					1.6	0.15
12/1/05	20,877	6	10	33	5	6	20	30	0.3	10	50	30	84										
12/2/05	30,159	6	10	74	5	6	20	30	0.3	10	50	30	84										
3/1/06	34,887	4	10	72	5	6	20	30	0.3	10	50	30	50	200	30	20		8.8	8.4	9.4	9.8	6.5	0.45
3/2/06	32,127	4	10	20	5	6	20	30	0.3	10	50	30	50	200	30	20		8.8	9.3	9.9	9.6	6.5	0.45
6/1/06	11,250	3	10	20	10	6	20	41	0.3	10	50	30	50	200	270	20		7.6	8.4	9.6	8.8	2.4	0.67
6/2/06	27,209	6	10	39														8.4	9.7	8.9	9.4		
AVERAGE	30,056	6	9	37	5	6	21	34	0.3	14	46	30	55	153	122	18	200	8	9	10	9	4	0

TABLE 4-3

TOWN OF WEST WARWICK
WATER POLLUTION CONTROL FACILITY

30 JUNE 2006

WARWICK ICE CREAM
743 BALD HILL ROAD
WARWICK, RI 02886
CONTACT: TOM OR JERRY BUCCI, PRES,

PERMIT NUMBER: W-01
PHONE: 821-8403
FAX:821-8404

INDUSTRIAL DISCHARGER WASTEWATER CHARACTERISTICS

NOTE: BLUE TYPEFACE INDICATES "LESS THAN" VALUE
NOTE: GREEN TYPEFACE INDICATES TOWN SAMPLE
YELLOW FILL INDICATES A VALUE WHICH EXCEEDS THE MONTHLY LIMIT

	LIMIT:	1,230	1,087	N.A.	100	6-10 ssu	6-10s.u	6-10s.u	6-10s.u	QUARTERLY	20	700	800	1000	150		1,000	80	600	190	1000		
	FLOW	BOD	TSS	COD	O&G	pH	pH	pH	pH	FLOW	CADMIUM	CHROM.	COPPER	IRON	LEAD	MERCURY	NICKEL	SILVER	ZINC	CYANIDE	PHENOL	PHOS	NITRO
DATE	(gpd)	(mg/l)	(mg/l)	(mg/l)	(mg/l)					GALS.	(µg/l)	(µg/l)	(µg/l)		(µg/l)		(µg/l)	(µg/l)	(µg/l)	(µg/l)			
9/21/2005	3,845	917	80	1350	64	6.9	6.9	6.6	6.7														
9/22/2005	2,538	962	107	1710	107	6.6	6.6	6.5	6.5	74,015													
11/8/2005	2,965	1300	260	1800	93	6.4	6.5	6.4	6.3		5	30	50	550	40	0.5	20	20	90	10	10	6.3	13.0
12/22/2005	536	344	39	551	5	6.9	6.9	7.0	7.0														
12/23/2005	536	488	39	735	12	6.6	6.6	6.5	6.5	49,239												8.9	6.3
3/22/2006	2,292	471	88	911	16	7.1	7.2	7.2														7.0	18.8
3/23/2006	853	582	96	1280	27	7.7	7.8	7.6	7.6	105,963												6.1	15.6
6/27/2006	1,971	1640	293	3830	5	7.3	7.3	6.8	6.9													9.6	37.6
6/28/2006	897	855	244	2070	33	7.4	7.4	6.8	6.7	105,049												4.8	23.0
AVERAGE	1,826	840	138	1,582	40	7.0	7.0	6.8	6.8	83,567	5	30	50	550	40	1	20	20	90	10	10	7.1	19.1

ENFORCEMENT 2005 - 2006

The past reporting year was one in which compliance was generally achieved by permitted facilities. Overall, compliance with local industrial limitations for metals and cyanide was accomplished. Listed below are the official enforcement actions taken by the IPP. "Official" denotes use of a Notice of Violation, Consent Order, Consent Agreement, Cease and Desist Order, or other notice issued through the office of the Town Solicitor. Not included are letters issued by the IPP to resolve simple matters or obtain information. A Notice of Violation is denoted by "**NOV**". A Notice of Violation that is considered significant, as defined by 40CFR403.8(F)(2), is denoted by "**SNOV**".

Amtrol

The company submitted an SMR for the 3rd quarter 2005 which showed the level of Zinc exceeded the permit limit and the company failed to test for total Nitrogen and Phosphorous. An **SNOV** was issues on October 17, 2005 which required the company to re-test for Zinc and test for Nitrogen and Phosphorous. The re-test results showed the results for October exceeded the permit limits for Zinc. An **SNOV** was issued on November 17, 2005 which required the company to re-test for Zinc. The re-test results for November were within the permit limits.

The company submitted the 4th quarter 2005 SMR which showed the company exceeded the permit limits for Zinc, O&G, Iron and BOD. An **SNOV** was issued January 17, 2006 requiring the company to re-test and submit a $100 administrative penalty. The company re-tested for the parameters and found BOD and Iron to be above the permit limits. An **SNOV** was issued on February 17, 2006 which required the company to re-test for the parameters and submit a $100 administrative penalty. The company re-tested in February. All the parameters (except Iron) were found to be within the limits. An **SNOV** was issued on April 3, 2006 which required the company to re-test for Iron.

The company submitted a complete SMR for the 1st quarter 2006 which showed the company exceeded the permit limits for BOD, Copper, Iron and Zinc. An **SNOV** was issued requiring the company to re-test and submit a $500 administrative penalty. The company re-tested in April and found the levels of Iron and BOD

exceeded the permit limits. An **SNOV** *was issued on May 23, 2006 which required the company to re-test for* the parameters and submit a $500 penalty.

The company submitted a complete SMR for the 2nd quarter 2006 which indicated the company exceeded the limits for BOD and Iron. An **SNOV** was issued on July 19, 2006 which required the company to re-test for the parameters and submit a $500 penalty.

The company ended the year in significant non-compliance for the parameters of BOD and Iron

Dryvit Systems

The company submitted am SMR for the 4th quarter 2005 which showed the company exceeded the permit limits for BOD and failed to test for Total Nitrogen and Phosphorous. An **NOV** was issued on January 26, 2006 which required the company to re-test for BOD and test for Total Nitrogen and Phosphorous. The results again showed the company exceeded the limit for BOD. An **NOV** was issued on February 17, 2006 which required the company to re-test for BOD. The result were within the permit limits.

The 2nd quarter 2006 again showed the level of BOD to be slightly above the limit. An **NOV** was issued on July 19, 2006 which required the company to re-test for BOD, submit a $500 administrative penalty and submit a compliance plan. The results are due by August 15, 2006.

Immunex Rhode Island

No enforcement action.

Original Bradford Soap Works

The company submitted an SMR for July 2005 which showed the company exceeded the permit limit for Iron. An **NOV** was issued on August 24, 2005 which required the company to re-test for the parameter. The re-test results continued to show high levels of Iron. An **NOV** was issued requiring the company to re-test and report.

The company submitted an SMR for the 3rd quarter 2005 which indicated the company exceeded the permit limits for BOD and Iron. An **SNOV** was issued on October 17, 2005 which required the company to re-test, submit a $5,000 administrative penalty, and file a detailed milestone activity report. Bradford Soap re-tested in October and again found high levels of BOD and Iron. An **SNOV** was issued November 17, 2005 which required the company to re-test, submit a $5,000 administrative penalty, and file a update to the milestone activity report. The re-test indicated the levels of BOD to be within the permit limit, but the Iron level continued to exceed the limit. In addition, the company only completed three of the required four tests for BOD and failed to submit a milestone activity report. An **SNOV** was issued January 6, 2006 which required the company to *re-test and file the milestone activity report.*

The company filed a complete SMR for the 4th quarter 2005 which indicated the company exceed the permit limits for Iron and Copper. An **SNOV** was issued which required the company to re-test for the parameters. The re-test showed the levels continued to be above the permit limits. An **SNOV** was issued on February 17, 2006 which required the company to re-test, submit a $100 administrative penalty, and investigate the cause of the copper exceedance. The re-test showed the levels for the parameters to be within the permit limits. The company has returned to compliance

Riverpoint Lace Works

The SMR for July 2005 showed the level of Zinc exceeded the permit limit. An **NOV** was issued on August 24, 2005 which required the company to re-test for the parameter. The company failed to submit results for the month of August and a second **NOV** was issued September 27, 2005 which require the company to re-test for the parameter and submit a $500 administrative penalty.

The company filed a complete SMR for the 4th quarter 2005 which showed the level of Sulfide exceeded the permit limit. An **NOV** was issued January 17, 2006 which required the company to re-test. The results for January were within the permit limits.

The company submitted an SMR for the 1st quarter 2006 which again showed the levels of Sulfide exceeded the permit limits. An **NOV** was issued which required the company to re-test. The company verbally reported the results exceeded the permit limit, but failed to file a self-monitoring report. An **NOV** was issued June 16,

2006 which required the company to report the results for April and May and conduct quarterly testing in June and submit a $500 administrative penalty. The results for April, May and June also exceeded the permit limits. An **NOV** was issued requiring the company to correct the self-monitoring report, re-test and submit a $500 penalty. The re-test result showed the company returned to compliance.

Soluol Chemical

No enforcement action.

Warwick Ice Cream

The company submitted an SMR for the 2nd quarter 2006 which indicated the discharge exceeded the permit limit for BOD. An NOV was issued July 19, 2006 which required the company to re-test.

PRETREATMENT ANNUAL REPORT SUMMARY AND SNC NOTICE

The Pretreatment Annual Report Summary is presented as Appendix A. Following the PARS is the legal ad for the list of users in Significant Noncompliance. This ad is to be published during the last week of September 2006 in order to coordinate its publishing with the reporting year as defined by the Annual Report (July 1, 2005 to June 30, 2006). This schedule was established years ago and was found to be practical in its timing. Therefore, the Program has opted to continue this trend. The ad actually published in 2005 is also attached.

4.5 NOTIFICATION OF SUBSTANTIAL CHANGE IN VOLUME OR CHARACTER OF POLLUTANTS

Soluol Chemical Company provided advanced notice that the company intends to relocate outside the sewer district by the end of the permit year.

Immunex Rhode Island has provided projections of increased need for flow. The company is currently limited by the collection system in Coventry. The improvements are expected to take place over the next year. The company has projected a long term need of 670,000 gallon per day.

4.6 REPORTING

Amtrol

Reporting Period	Due Date	Date Received	Type of Violation
July 2005	August 15, 2005	August 11, 2005	
July-Sept 2005	October 15, 2005	October 13, 2005	Zn
October 2005	November 15, 2005	November 10, 2005	Zn
November 2005	December 15, 2005	December 14, 2005	
October-December 2005	January 15, 2006	January 13, 2006	Zn, Fe, BOD, O&G
January 2006	February 15, 2006	February 13, 2006	BOD, Fe
February 2006	March 15, 2006	March 14, 2006	Fe
January-March 2006	April 15, 2006	April 14, 2006	BOD, Cu, Fe, Zn
April 2006	May 15, 2006	May 11, 2006	BOD, Fe
May 2006	June 15, 2006	June 14, 2006	Fe
April-June 2005	July 15, 2005	July 13, 2006	BOD, Fe

CAL Chemical

Reporting Period	Due Date	Date Received	Type of Violation
July-December 2005	January 15, 2006	January 6, 2006	
January-June 2006	July 15, 2006	July 11, 2006	

Dryvit Systems

Reporting period	Due Date	Date received	Type of Violation
July-September 2005	October 15, 2005	October 13, 2005	
October-December 2005	January 15, 2006	January 13, 2006	BOD; Incomplete
January 2006	February 15, 2006	February 15, 2006	BOD
February 2006	March 15,2006	March 15, 2006	
January-March 2006	April 15, 2006	April 10, 2006	
April-June 2006	July 15, 2006	June 14, 2006	BOD

Immunex of Rhode Island

Reporting Period	Due Date	Date Received	Type of Violation
July-September 2005	October 15, 2005	October 5, 2005	
October -December 2005	January 15, 2006	January 4, 2006	
January-March 2006	April 15, 2006	April 4, 2006	
April-June 2006	July 15, 2006	June 6, 2006 "A" July 7, 2006 Complete	

Original Bradford Soap Works

Reporting Period	Due Date	Date Received	Type of Violation
July 2005	August 15, 2005	August 12, 2005	Fe
August 2005	September 15, 2005	September 1, 2005	Fe
July-September 2005	October 15, 2005	October 14, 2005	BOD, Fe
October 2005	November 15, 2005	November 14, 2005	BOD, Fe
November 2005	December 15, 2005	December 8, 2005	Fe
October-December 2005	January 15, 2006	January 9, 2006	Cu, Fe
January 2006	February 15, 2006	February 3, 2006	Cu , Fe
February 2006	March 15, 2006	March 8, 2006	
January-March 2006	April 15, 2006	April 12, 2006	
May 2006	June 15, 2006	June 8, 2006	
April-June 2006	July 15, 2006	July 11, 2006	

Soluol Chemical Company

Reporting Period	Due Date	Date Received	Type of Violation
July-September 2005	October 15, 2005	October 11, 2005	
October-December 2005	January 15, 2006	January 12, 2006	
January-March 2006	April 15, 2006	April 9, 2006	
April-June 2006	July 15, 2006	July 12, 2006	

Riverpoint Lace Works

Reporting Period	Due Date	Date Received	Type of Violation
July 2005	August 15, 2005	August 15, 2005	Zn
August 2005	September 15, 2005		Failure to report
July-September 2005	October 15, 2005	October 18, 2005	
October-December 2005	January 15, 2006	January 13, 2006	Sulfide August 15, 2006
January 2006	February 15, 2006	February 15, 2006	
January-March 2006	April 15, 2006	April 13, 2005	Sulfide
April 2006	May 15, 2006		Failure to report
April -June 2006	July 15, 2006	July 15, 2006 revised July 18, 2006	Sulfide; Failure to accurately report

Warwick Ice Cream

Reporting Period	Due Date	Date Received	Type of Violation
July-September 2005	October 15, 2005	October 13, 2005	
October-December 2005	January 15, 2006	January 12, 2006	
January-March 2006	April 15, 2006	April 14, 2006	
April -June 2006	July 15, 2006	July 14, 2006	BOD

JAMES J. GEREMIA & ASSOCIATES, INC.
CONSULTING ENVIRONMENTAL ENGINEERS & SCIENTISTS

SECTION 5

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5.0 PROGRAM EVALUATION

The purpose of this section is to discuss events which have transpired concerning both the Industrial Pretreatment Program and the West Warwick Treatment Facility, in general, over the past reporting year.

5.1 ACHIEVEMENTS

The reporting year of 2005-2006 was one in which many significant accomplishments were achieved. Below is a brief synopsis of those achievements.

Sewer Subcommittee

The Sewer Subcommittee continued its practice to meet monthly throughout the year and to resolve a variety of sewer and pretreatment related issues. The largest benefit of the Subcommittee is that it requires the participation of two Town Councillors and the Town Manager, the highest ranking officials in Town. The regional counterparts are also invited to attend. Their involvement allows decisions to be rendered quickly and with authority.

The Subcommittee, as well as the Sewer Commission (a/k/a The West Warwick Town Council, the highest governing body of the Town), has taken an active interest in the management of the Treatment Facility. Plant performance, compost re-use, personnel matters, operating budget and pretreatment compliance are all issues with which these committees are involved. The monthly meetings between plant personnel (Director of Administration, Superintendent, and Pretreatment Program) and Subcommittee allow for a free discussion of all sewer-related problems, resulting in the formulation of solutions endorsed by the Town Council members. This approach has resulted in a direct accountability of the various aspects in running the facility, and has enabled quick resolutions to be undertaken when necessary.

Tertiary Treatment

This marks the first full year of operation of the tertiary treatment. The upgrades include: Nitrification, Denitrification, Phosphorus Removal and Ultraviolet Disinfection.

The upgrades allow the treatment facility to remove nutrients, including total nitrogen and phosphorous. The addition of ultraviolet disinfection removed the need to add sodium hypochlorite to the discharge, eliminating the potential harmful effects of the chorine residual. In addition to the benefits of reduced nitrogen and phosphorus, the analytical data also shows a greater removal efficiency in removal of metals and conventional pollutants (CBOD, TSS). The most substantial change has been the dramatic decrease in ammonia.

Intermunicipal Agreements

The Intermunicipal Agreements have been reviewed for conformance with applicable Industrial Pretreatment regulations.

Collection System Growth

This year, the Town has pursued a number of projects to expand and update the collection system. The Sandy Bottom Pump Station came on line last year, allowing for growth in the surrounding areas of Coventry. In addition to serving the Coventry population, the line will also support flow from the West Greenwich Industrial Park. The Town of Coventry has submitted plans for additional growth of the gravity line starting from Hopkins Hill Road and connecting to the gravity line and ending at Tiogue Avenue. That line is currently budgeted and construction will begin this year. When this section of line is complete, additional growth is expected in Coventry and West Greenwich Industrial Park, and the nearby commercial area.

The Upper Maisie Quinn Interceptor was completed this year. The line will provide for connection of West Greenwich and the expansion of the Coventry and West Warwick surrounding areas. In addition, this project is expected to reduce a major source of infiltration, further adding to the potential for future growth in the area.

The West Warwick Regional Treatment Facility also undertook several project this year to reduce inflow and infiltration (I/I). Some of the projects were relatively small, such as replacement of manhole covers and lining damaged sections of pipe. The more substantial projects include:

- A section of interceptor near the Agawam Mill was replaced (the line had become deteriorated and partially blocked). The replacement will give greater capacity to the area and reduce I/I.

- Next year, the Brookfield Pump Station is scheduled for replacement. The increased capacity for the new station will allow for growth in the area, but more importantly, will protect against overflow.

- Extensive cleaning of the 24" interceptor. This project will allow for greater flow though the interceptor and allow for a complete evaluation of the integrity of the line. Many of the repairs may be done at the time of the cleaning. This project will not only increase capacity and reduce I/I, but will also protect against overflow.

Inspections

Throughout the reporting year, the Industrial Pretreatment Program continued to enforce the Town's grease trap requirements regarding proper maintenance and cleaning. As in past years, a main goal of the Program is to provide a presence and ongoing relationship with all users in the sewer district. The Program typically performed unscheduled inspections, and in some cases, revisited establishments to remind all users of their obligation under the Ordinance.

5.2 PROGRAM EFFECTIVENESS

Chapter 6.0 contains a full presentation of the plant in graphic form. A review of this data shows that the removal of conventional pollutants has been very successful. Metal concentrations of the effluent is generally not a concern (even historically) due to the lack of electroplating wastewater. Overall, the plant's RIPDES compliance has, again, been very good.

The Enforcement Response Program has proven to be adequate to effectively reduce Significant Noncompliance. The number of significant non-compliance decreased this year. This is a result of more stringent enforcement and increased monitoring for non-compliant Users. The majority of non-compliance involved slight amounts of BOD, Iron and Sulfide. All of these parameters are being studied, as the new treatment process has far greater ability to remove the pollutants.

5.3 LOCAL LIMITS EVALUATION

Local limits for metals and conventional pollutants went into effect July 1, 1997 and there were no RIPDES metals effluent violations in the reporting year. A Local Limits Derivation was submitted in May 2004. The comments returned required further study of the service area. In addition, the Treatment Facility completed a major upgrade during this time period. The Program was granted a request to review the information gathered during the first full year of operation of the tertiary treatment process. The revised evaluation will be submitted in March of 2007. Since the current limits are based on data gathered with primary and secondary processes only, the additional treatment processes will improve the efficiency of the plant. The preliminary data collected suggests a significant improvement in BOD/TSS removal and greater metals removal. Therefore, current limits are adequate to protect the treatment process.

5.4 SUFFICIENCY OF PROGRAM FUNDING AND STAFFING LEVELS

The West Warwick Sewer Commission provided for adequate funding of the Pretreatment Program. The following shows the fees collected from permitting:

Type of Permit	Quantity	Amount
Significant Industrial User Permits	8	$33,000.00
Grease Interceptor Permit Fees	104	$31,200.00
Grit Traps	36	$ 7,400.00
Photo Finishing	8	$ 1,600.00
Silver Users	17	$ 425.00
Lint Traps	17	$ 3,200.00

The implementation of the Pretreatment is contracted to James J. Geremia and Associates, Inc. The full resources of the firm are available to the Program as required. In addition to the Pretreatment Coordinator and the related clerical staff, engineering and technical support is provided. The West Warwick Sewer Commission provides for funding for the Program based entirely on permit fees. All analytical work is conducted by a third party certified laboratory. The staffing and funding is adequate to fully implement the Pretreatment Program.

5.5 INTERFERENCE AND PASS-THROUGH

This year, the Treatment Facility did not experience any known interference or passthrough. The Program continues to investigate any incident in which may affect the treatment process.

5.6 PUBLIC PARTICIPATION

As usual, the Program has made efforts to keep its industries and the public aware of issues involving pretreatment and the Wastewater Treatment Facility. The Town's Sewer Use Ordinance and Standard Sanitary Sewer Requirements, and many of the forms and applications, are available on the Town's website www.westwarwickri.org. This year, many forms and applications were added.

5.7 ADDITIONAL PROGRAM RESOURCES

This year, West Warwick purchased new sampling equipment to provide for more reliable collection of samples. Additionally the plant purchased a spectrophotometer which allows for rapid evaluation of samples of multiple parameters. The data can be used to quickly evaluate a disturbance and track the source. The instrument is currently being used for evaluating COD, Nitrate, Nitrite, Ammonia, Total Nitrogen and Total Phosphorus from a process control point of view. The Program hopes to expand the use of the instrument to gain better knowledge of the industrial users while limiting the expense and delays associated with certified laboratories. All sample requiring certification will still be sent to a contract laboratory.

TABLE 5-1
WWTF PERMIT LIMITS

Effluent Characteristics		Discharge Limitations Quantity - lbs./day		
		Avg. Monthly	Max. Daily	Avg. Monthly *(Minimum)
Flow		10.5 MGD	---	
BOD_5	(Nov 1 - May 31)	2,267 lb/day	4,379 lb/day	30 mg/l
$CBOD_5$	(June 1 - June 30 & Oct. 1 - Oct. 31)	1,314 lb/day	1,751 lb/day	15 mg/l
	(July 1 - Sept. 30)	876 lb/day	1,314 lb/day	10 mg/l
BOD_5 - % Removal	(Nov. 1 - May 31)			85%
$CBOD_5$ - % Removal	(June 1 - October 31)			85%
TSS	(Nov. 1 - May 31)	2,627 lb/day	4,379 lb/day	30 mg/l
	(June 1 - June 20 & Oct. 1 - Oct. 31)	2,189 lb/day	2,627 lb/day	25 mg/l
	(July 1 - Sept. 30)	1,751 lb/day	2,627 lb/day	20 mg/l
TSS - % Removal				85%
Fecal Coliform				200 MPN / 100 ml
Total Residual Chlorine (TRC)				20 µg/l
pH			(9.0 ssu)	(6.0 ssu)*
Dissolved Oxygen (June 1 - Oct. 31)				(6.0 mg/l)
Phosphorus, Total	(Dec. 1 - April 30)			--- mg/l
	(May 1 - Nov. 30)			1.0 mg/l
Ammonia, Total (as N)	(Nov. 1 - April 30)			15.3 mg/l
	(May 1 - May 31)			6.7 mg/l
	(June 1 - June 30 & Oct. 1 - Oct. 31)			3.0 mg/l
	(July 1 - Sept. 30)			2.0 mg/l
Nitrogen, Total (TKN + Nitrate + Nitrite, as N)				
	(Nov. 1 - May 31)	--- lb/d		--- mg/l
	(June 1 - June 30 & Oct. 1 - Oct. 31)	701 lb/d		12.0 mg/l
	(July 1 - Sept. 30) [Flow < 8.4 MGD]	701 lb/d		10.0 mg/l
	(July 1 - Sept. 30) [Flow ≥8.4 MGD]			8.0 mg/l
Lead, Total				0.34 µg/l[1]
Zinc, Total				127 µg/l
Cyanide				7.5 µg/l[1]
Cadmium, Total				1.0 µg/l[1]
Bis (2-Ethylhexyl) Phthalate				17.3 µg/l

[1] The limit at which compliance/noncompliance determinations will be based is the Quantitative Limit which is defined as 20.0 µg/l for Cyanide, 2.0 µg/l for cadmium, and 10.0 µg/l for lead. These values may be reduced by permit modifications as EPA and the State approve more sensitive methods.

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6-7	BOD & CBOD Effluent Daily Limits (July 2005 to June 2006)	6 - 8
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6-26	Effluent TKN Monthly Average (July 2004 to June 2006)	6 - 17
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6.1 POLLUTANT ANALYSES

This reporting year saw the Treatment Facility continue to achieve a remarkably high level of efficiency and pollutant removal. Under the guidance of the Town's Treatment Facility staff, the facility met parameters set for a highly efficient plant.

The limits for the metals were easily achieved. The low concentration of metals in the influent is a distinct advantage in meeting the effluent limits and producing Class A compost.

In general, the limits for BOD/CBOD and TSS were met, except in the early part of the year when the plant had difficulty for a few days (due to control problems associated with the start-up of the nitrogen removal process). The abnormally low flows, combined with low influent nitrogen, required a lower flow of methanol than the equipment could deliver, which caused the over-feeding of methanol. The problem was resolved by installing a pump for methanol with lower flow capabilities. Since the Biological Aerated Filters (BAF) have been completed, the levels of BOD/CBOD and TSS have significantly decreased. The AWT began start up in December 2004 with nitrification. Denitrification started in March 2005; full operation began in May 2005; and the performance test was completed in October 2005. The high level of performance can be seen at the end of the year (Figures 6-5 through 6-16). The most impressive factor was the performance during the extreme high flows in October 2005 and June 2006.

The flow to the Plant continues to be above the traditional level. This is due, in part, to growth, but it is also due to the high water tables and related infiltration. The higher average daily flow (Figure 6-1) and the low concentration of conventional pollutants (Figures 6-4 and 6-11) show the increased flow was dilute. The I/I projects undertaken should reduce this influence.

Nutrient removal has been the major improvement for this year. The plant improvements allowed for the reduction of nitrogen and phosphorus. Figure 6-25 shows the ammonia effluent level, which is the most important constituent of the total nitrogen. Figures 6-26 through 6-28 show the constituent of nitrogen, and

Figure 6-29 shows the dramatic improvement in effluent total nitrogen. Figure 6-30 similarly shows the reduction in phosphorus.

The following graphs (Figures) are provided to show the operational data of the Treatment Plant:

6-1 Average & Peak Daily Flows (July 2005 to June 2006)
6-2 Average - Monthly Flow vs. Monthly Limit (July 2001 to June 2006)
6-3 Average - Daily and Monthly Flow vs. Monthly Limit (July 2005 to June 2006)
6-4 BOD & CBOD Monthly vs. Limits (July 2003 to June 2006)
6-5 BOD & CBOD Monthly vs. Limits (July 2005 to June 2006)
6-6 BOD/CBOD vs. Weekly Limits (July 2005 to June 2006)
6-7 BOD & CBOD Effluent Daily Limits (July 2005 to June 2006)
6-8 BOD & CBOD vs. Limit Average Monthly Mass Loading (July 2003 to June 2006)
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6-10 BOD & CBOD vs. Limit Daily Maximum Pounds/Day (July 2005 to June 2006)
6-11 TSS Monthly vs. Limits (July 2003 to June 2006)
6-12 TSS Monthly vs. Limits (July 2005 to June 2006)
6-13 TSS Weekly vs. Limits (July 2005 to June 2006)
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6-29 Effluent Total Nitrogen Monthly Average (July 2003 to June 2006)
6-30 Effluent Phosphorous Monthly Average (July 2003 to June 2006)
6-31 Sludge Volume Index (July 2005 to June 2006)
6-32 BIS-2 Phthalate Monthly Average (July 2005 to June 2006)

During the course of the reporting year, the Pretreatment Program organized data in order to observe the behavior of the many characteristics which affect the operations of the Treatment Facility. As standard procedure, the Pretreatment Program organizes data and graphs once each month, coinciding with the

submittal of the Facility's RIPDES Discharge Monitoring Report and "State Sheet". This allows both the Program and Facility staff to track and observe how these parameters interact and impact plant operations.

6.2 SLUDGE/COMPOST

Analytical testing of Treatment Facility sludge, compost and wood ash bulking agent is commonplace, and was conducted quarterly over the past year. The analytical results for compost are presented in Appendix C. A review of these results indicates that the compost process has operated most efficiently. The presence of metals and other constituents in the compost are below federal standards.

6.3 LOCAL LIMITS MONITORING

In order to develop local limits, additional parameters are sampled on a quarterly basis. The results of this testing is summarized in the following Tables:

6-1A	Summary of Local Limits Sampling for BOD
6-1B	Summary of BOD Loading and Removal
6-2A	Summary of Local Limits Sampling for TSS
6-2B	Summary of TSS Loading and Removal
6-3	Summary of Local Limits Sampling for Oil and Grease
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6-5	Summary of Local Limits Sampling for Phenol
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6-7	Summary of Local Limits Sampling for Cadmium
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6-10	Summary of Local Limits Sampling for Copper
6-11	Summary of Local Limits Sampling for Iron
6-12A	Summary of Local Limits Sampling for Lead
6-12B	Summary of Lead Loading and Removal
6-13	Summary of Local Limits Sampling for Mercury
6-14	Summary of Local Limits Sampling for Nickel
6-15	Summary of Local Limits Sampling for Silver
6-16A	Summary of Local Limits Sampling for Zinc
6-16B	Summary of Zinc Loading and Removal

The addition of the Biological Aerated Filters and other improvements in the treatment process has shown a dramatic improvement in many of the removal characteristics. Table 6-17 shows a summary of the influent and effluent mass and removal percentage, comparing the past year with the average of the data collected in 2002-2005. Most of the results show a slight increase in the influent mass but a decrease in the effluent mass, resulting in a greater removal efficiency.

6.4 BIOASSAY DATA

In 2005-2006, the Facility sampled its wastewater (both pre and post chlorination) on a quarterly basis. The data has previously been submitted and has not been included in this report.

FIGURE 6-1
AVERAGE & PEAK DAILY FLOWS
JULY 2005 TO JUNE 2006

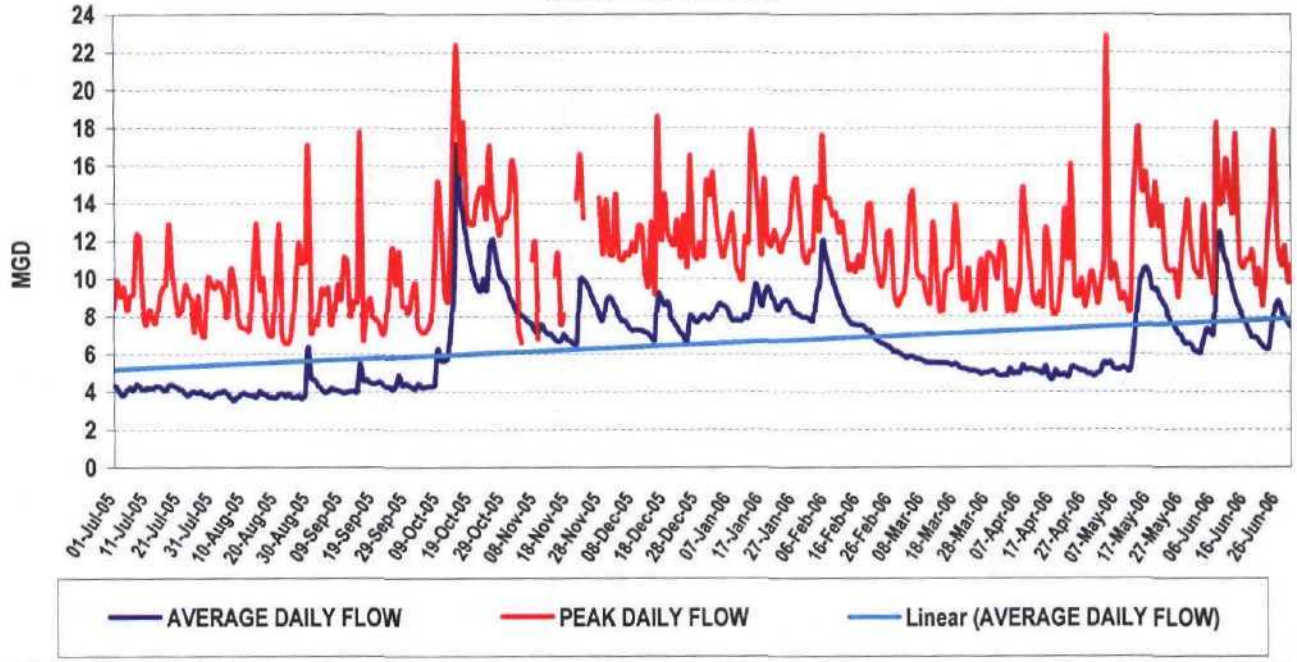
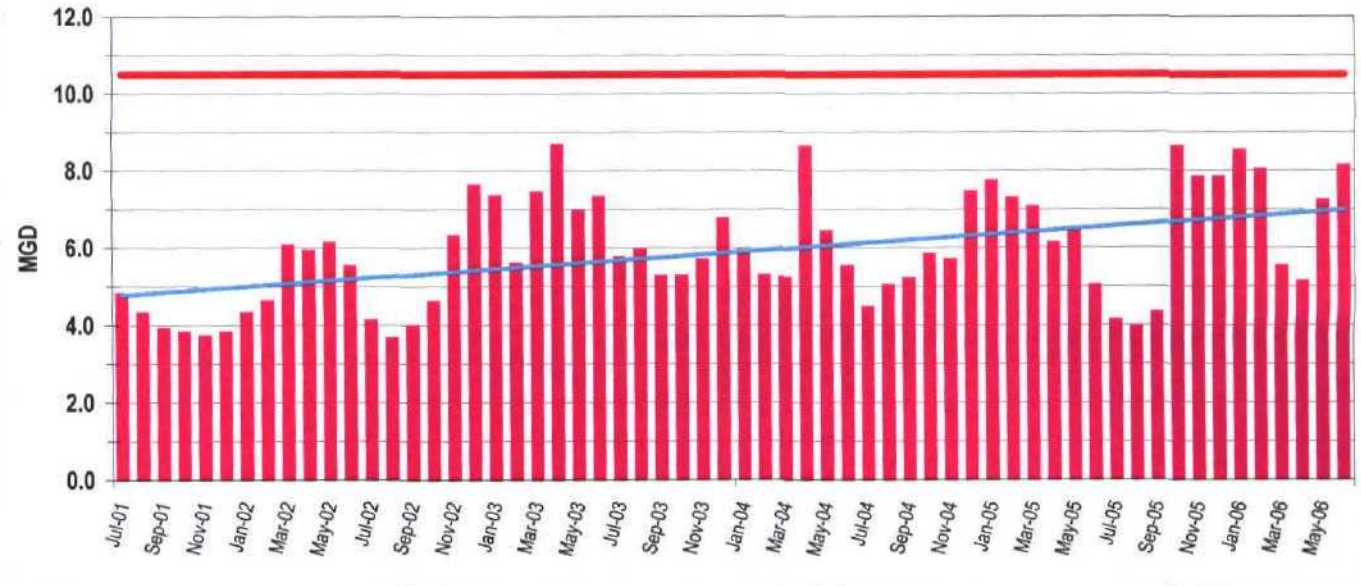


FIGURE 6-2
AVERAGE - MONTHLY FLOW VS MONTHLY LIMIT
JULY 2001 TO JUNE 2006



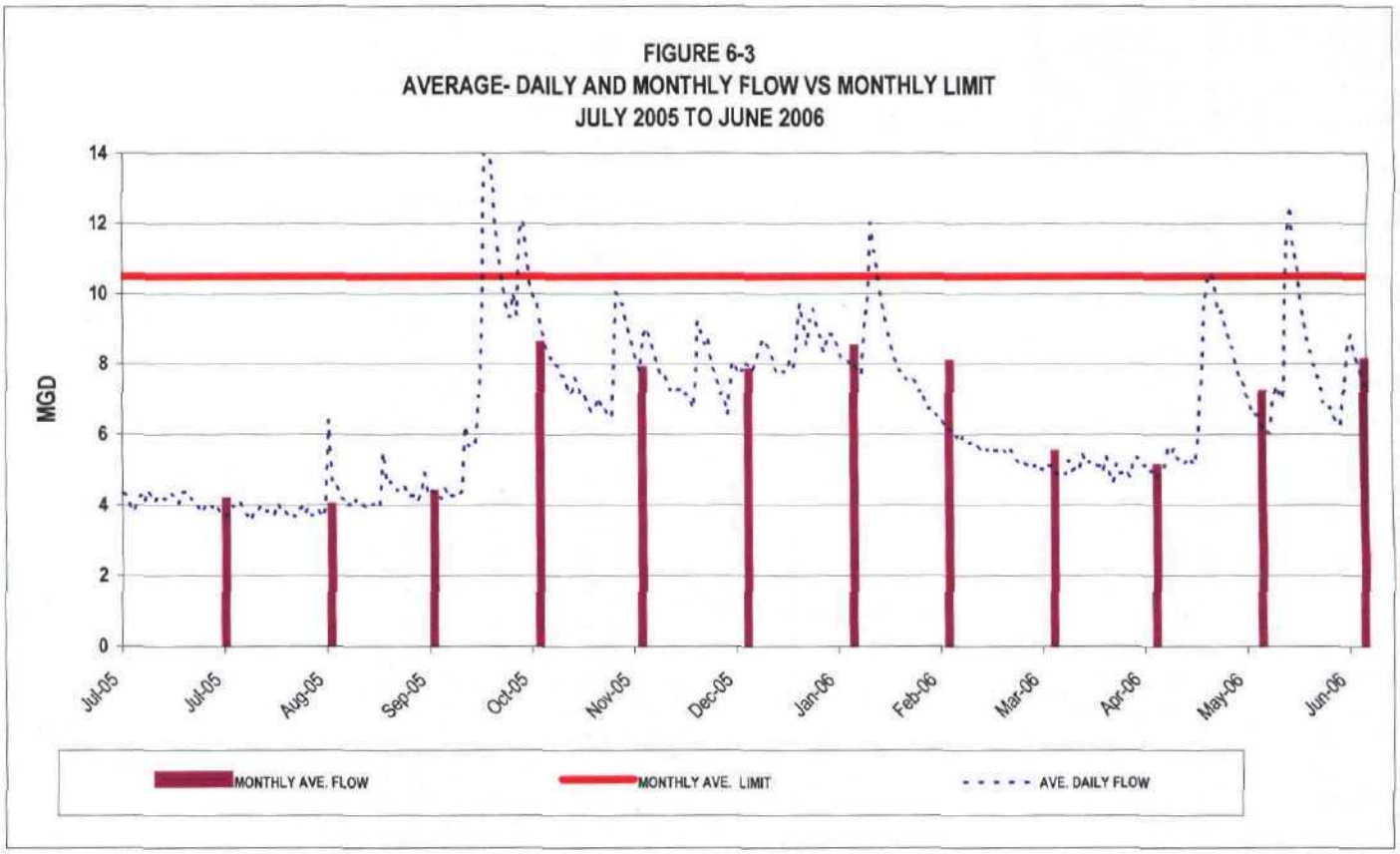


FIGURE 6-3
AVERAGE- DAILY AND MONTHLY FLOW VS MONTHLY LIMIT
JULY 2005 TO JUNE 2006
MGD
14
12
10
8
6
4
2
0
Jul-05
Jul-05
Aug-05
Sep-05
Oct-05
Nov-05
Dec-05
Jan-06
Feb-06
Mar-06
Apr-06
May-06
Jun-06
MONTHLY AVE. FLOW
MONTHLY AVE. LIMIT
AVE. DAILY FLOW

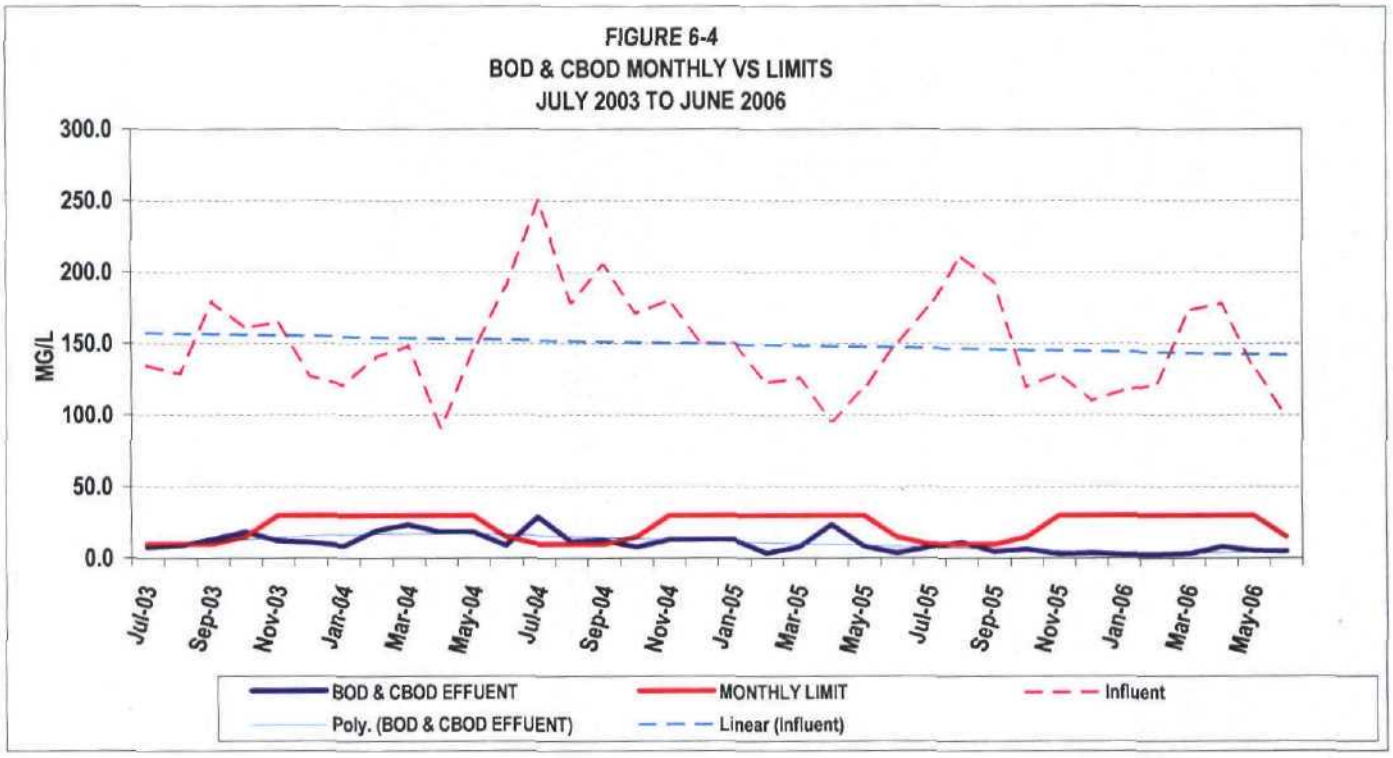


FIGURE 6-4
BOD & CBOD MONTHLY VS LIMITS
JULY 2003 TO JUNE 2006
MG/L
300.0
250.0
200.0
150.0
100.0
50.0
0.0
Jul-03
Sep-03
Nov-03
Jan-04
Mar-04
May-04
Jul-04
Sep-04
Nov-04
Jan-05
Mar-05
May-05
Jul-05
Sep-05
Nov-05
Jan-06
Mar-06
May-06
BOD & CBOD EFFUENT
MONTHLY LIMIT
Influent
Poly. (BOD & CBOD EFFUENT)
Linear (Influent)

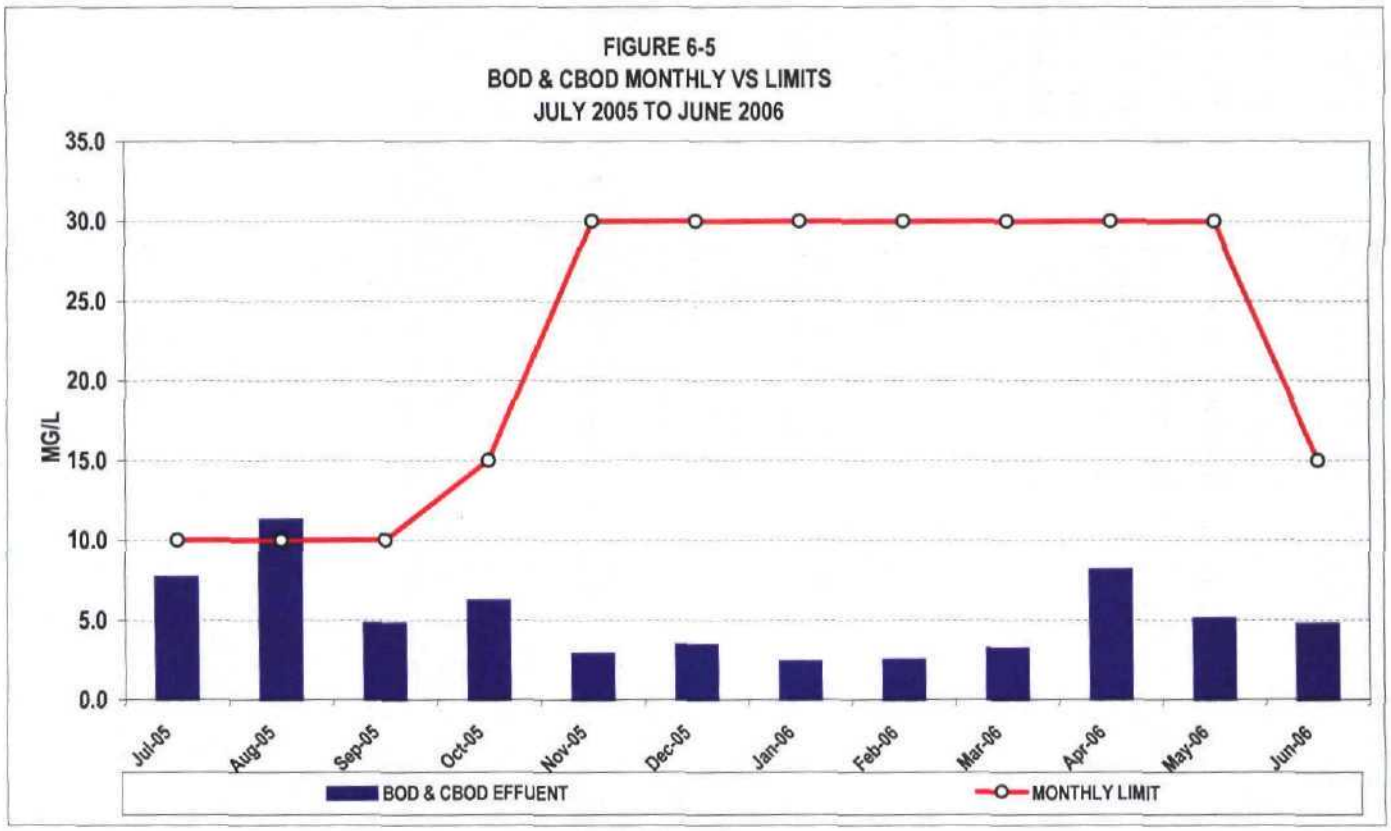


FIGURE 6-5
BOD & CBOD MONTHLY VS LIMITS
JULY 2005 TO JUNE 2006
MG/L
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
Jul-05
Aug-05
Sep-05
Oct-05
Nov-05
Dec-05
Jan-06
Feb-06
Mar-06
Apr-06
May-06
Jun-06
BOD & CBOD EFFUENT
MONTHLY LIMIT

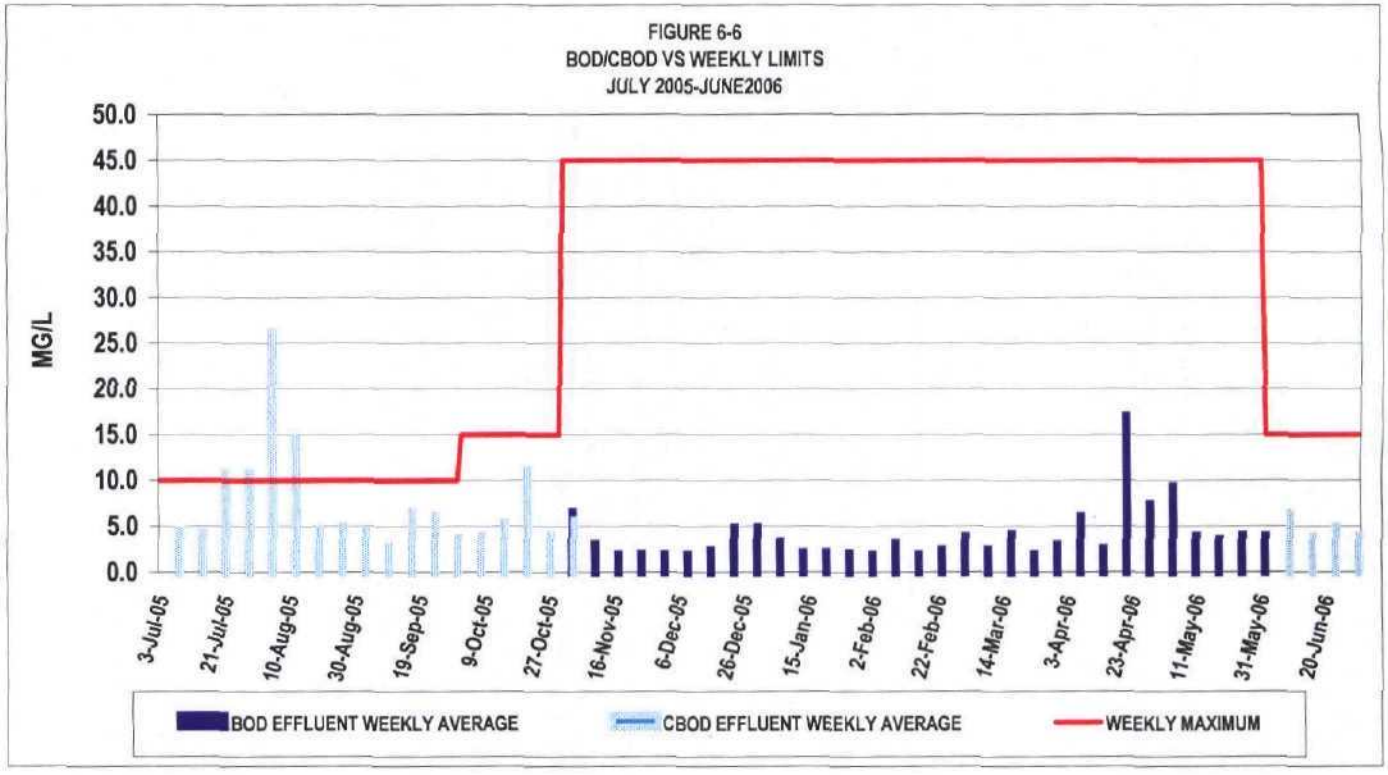


FIGURE 6-6
BOD/CBOD VS WEEKLY LIMITS
JULY 2005-JUNE2006
MG/L
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
3-Jul-05
21-Jul-05
10-Aug-05
30-Aug-05
19-Sep-05
9-Oct-05
27-Oct-05
16-Nov-05
6-Dec-05
26-Dec-05
15-Jan-06
2-Feb-06
22-Feb-06
14-Mar-06
3-Apr-06
23-Apr-06
11-May-06
31-May-06
20-Jun-06
BOD EFFLUENT WEEKLY AVERAGE
CBOD EFFLUENT WEEKLY AVERAGE
WEEKLY MAXIMUM

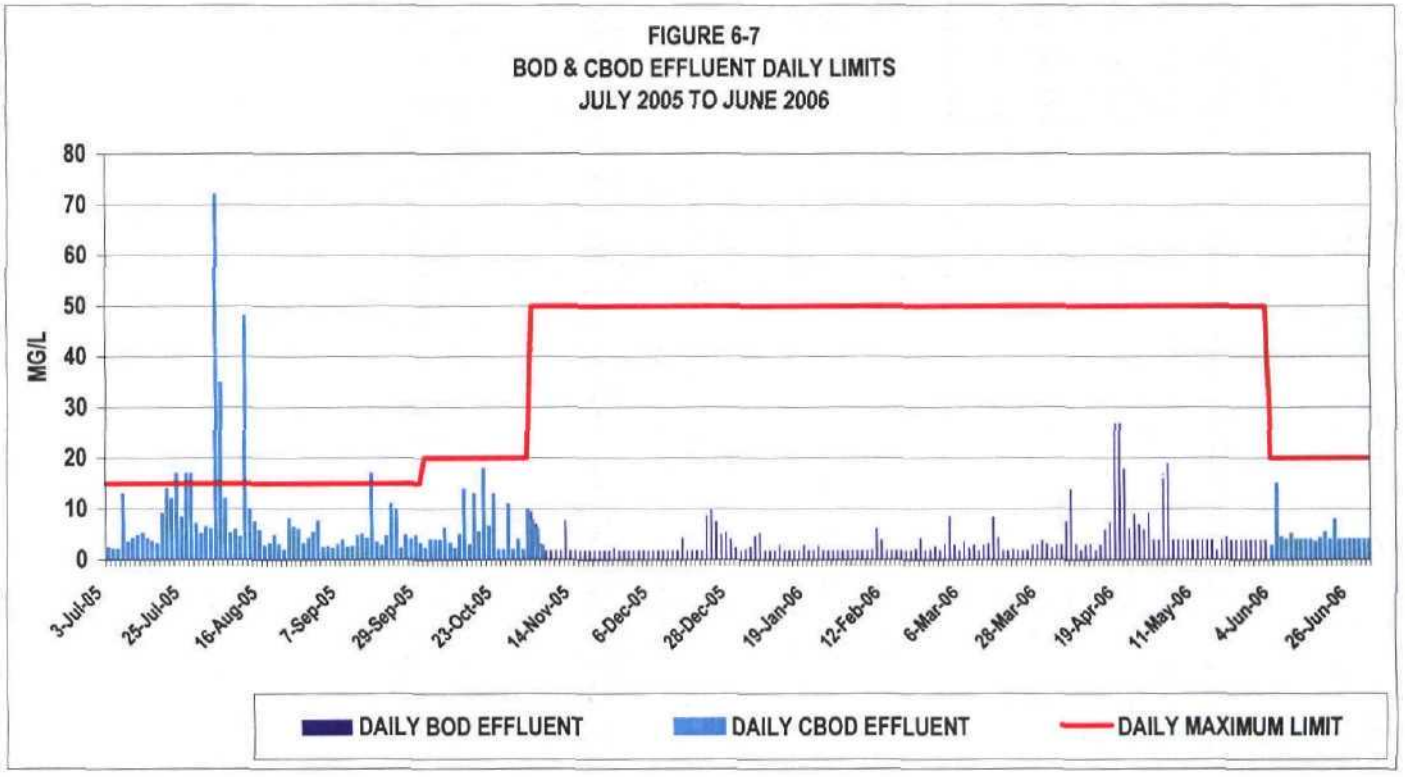


FIGURE 6-7
BOD & CBOD EFFLUENT DAILY LIMITS
JULY 2005 TO JUNE 2006
MG/L
80
70
60
50
40
30
20
10
0
3-Jul-05
25-Jul-05
16-Aug-05
7-Sep-05
29-Sep-05
23-Oct-05
14-Nov-05
6-Dec-05
28-Dec-05
19-Jan-06
12-Feb-06
6-Mar-06
28-Mar-06
19-Apr-06
11-May-06
4-Jun-06
26-Jun-06
DAILY BOD EFFLUENT
DAILY CBOD EFFLUENT
DAILY MAXIMUM LIMIT

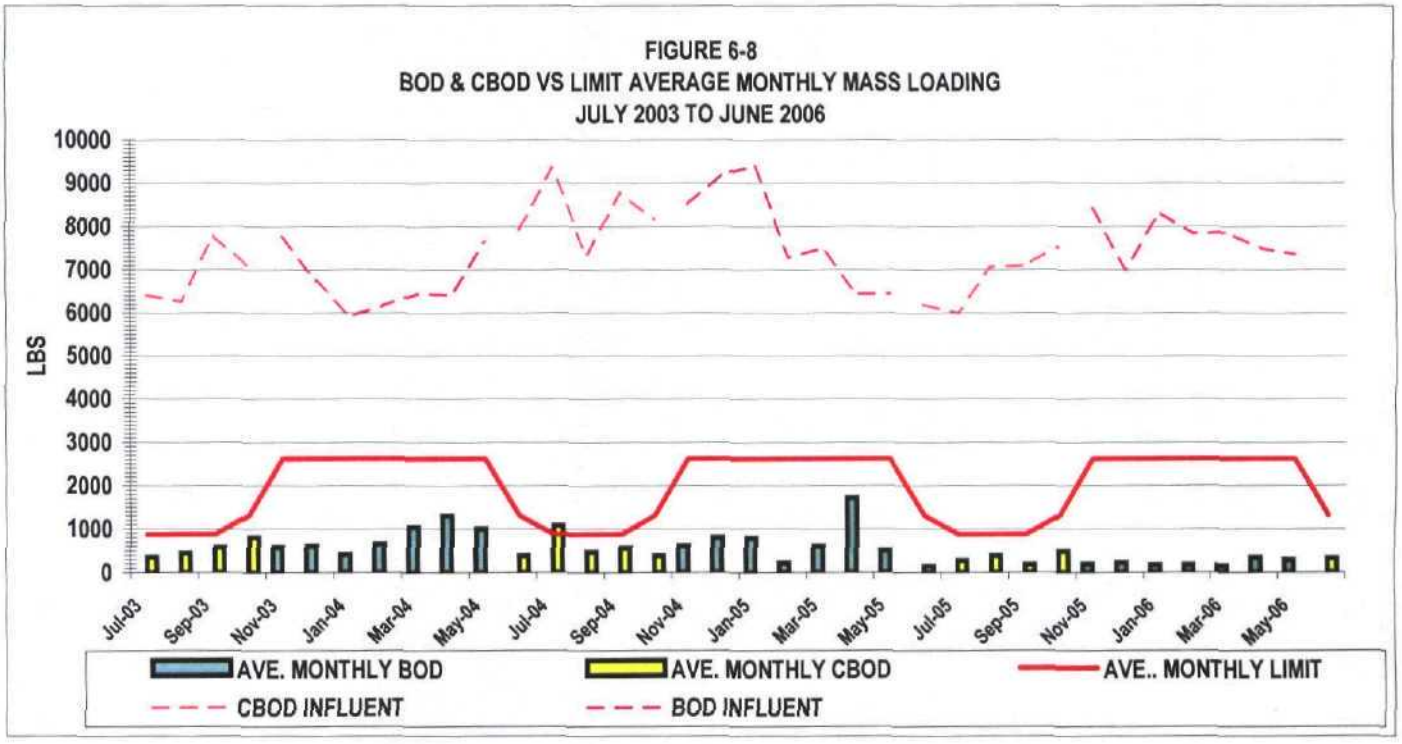


FIGURE 6-8
BOD & CBOD VS LIMIT AVERAGE MONTHLY MASS LOADING
JULY 2003 TO JUNE 2006
LBS
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
Jul-03
Sep-03
Nov-03
Jan-04
Mar-04
May-04
Jul-04
Sep-04
Nov-04
Jan-05
Mar-05
May-05
Jul-05
Sep-05
Nov-05
Jan-06
Mar-06
May-06
AVE. MONTHLY BOD
AVE. MONTHLY CBOD
AVE.. MONTHLY LIMIT
CBOD INFLUENT
BOD INFLUENT

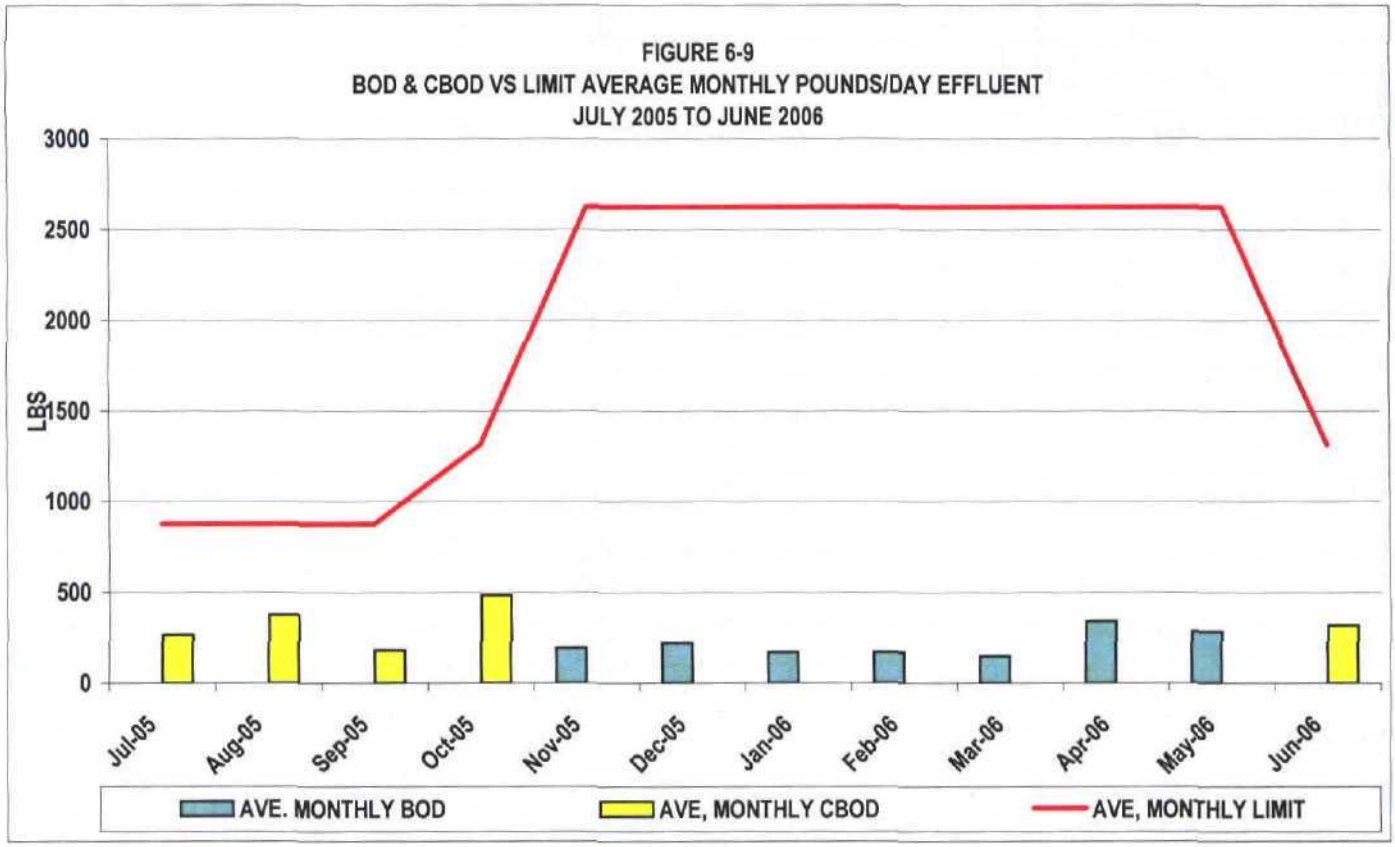


FIGURE 6-9
BOD & CBOD VS LIMIT AVERAGE MONTHLY POUNDS/DAY EFFLUENT
JULY 2005 TO JUNE 2006
LBS
3000
2500
2000
1500
1000
500
0
Jul-05
Aug-05
Sep-05
Oct-05
Nov-05
Dec-05
Jan-06
Feb-06
Mar-06
Apr-06
May-06
Jun-06
AVE. MONTHLY BOD
AVE, MONTHLY CBOD
AVE, MONTHLY LIMIT

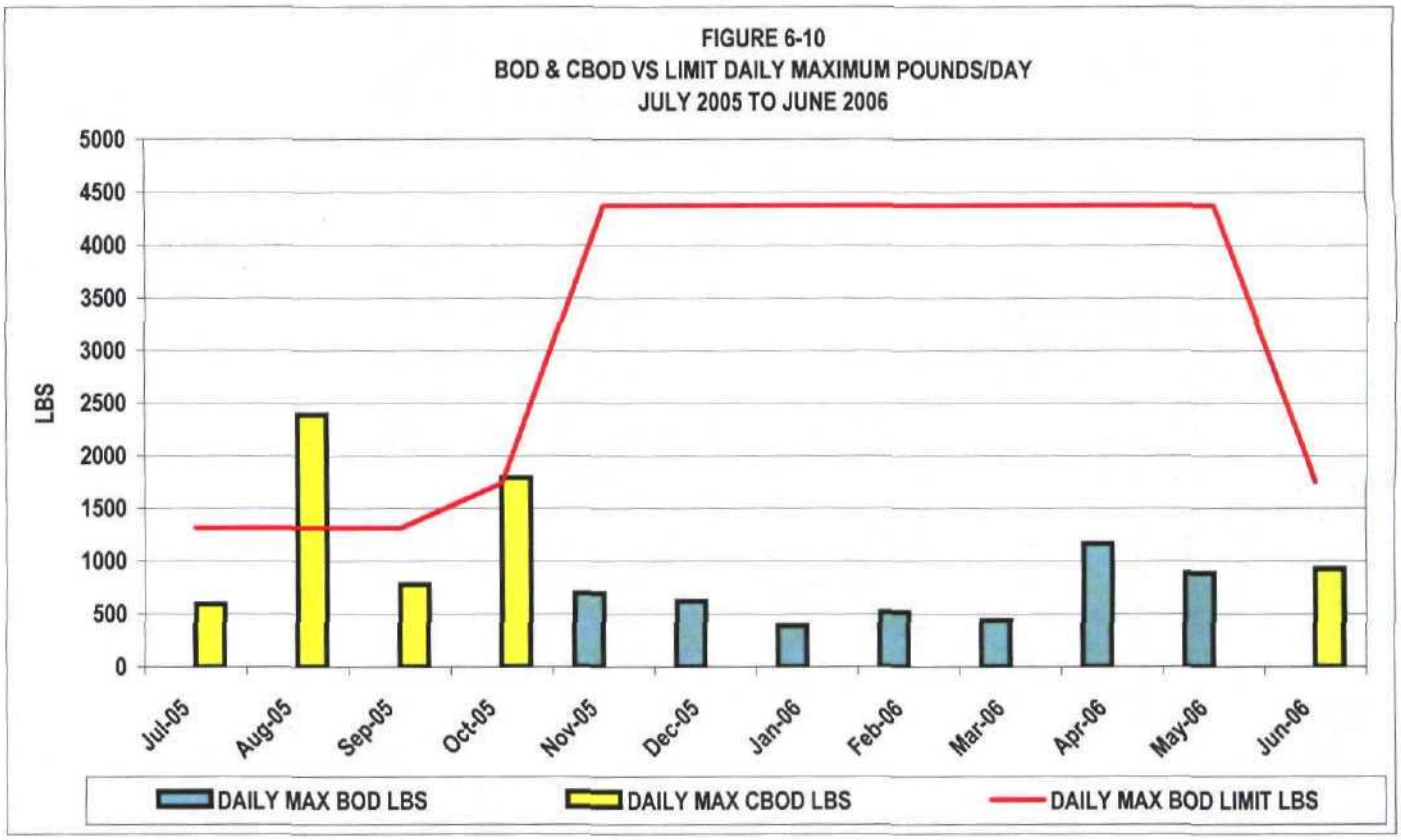


FIGURE 6-10
BOD & CBOD VS LIMIT DAILY MAXIMUM POUNDS/DAY
JULY 2005 TO JUNE 2006
LBS
5000
4500
4000
3500
3000
2500
2000
1500
1000
500
0
Jul-05
Aug-05
Sep-05
Oct-05
Nov-05
Dec-05
Jan-06
Feb-06
Mar-06
Apr-06
May-06
Jun-06
DAILY MAX BOD LBS
DAILY MAX CBOD LBS
DAILY MAX BOD LIMIT LBS

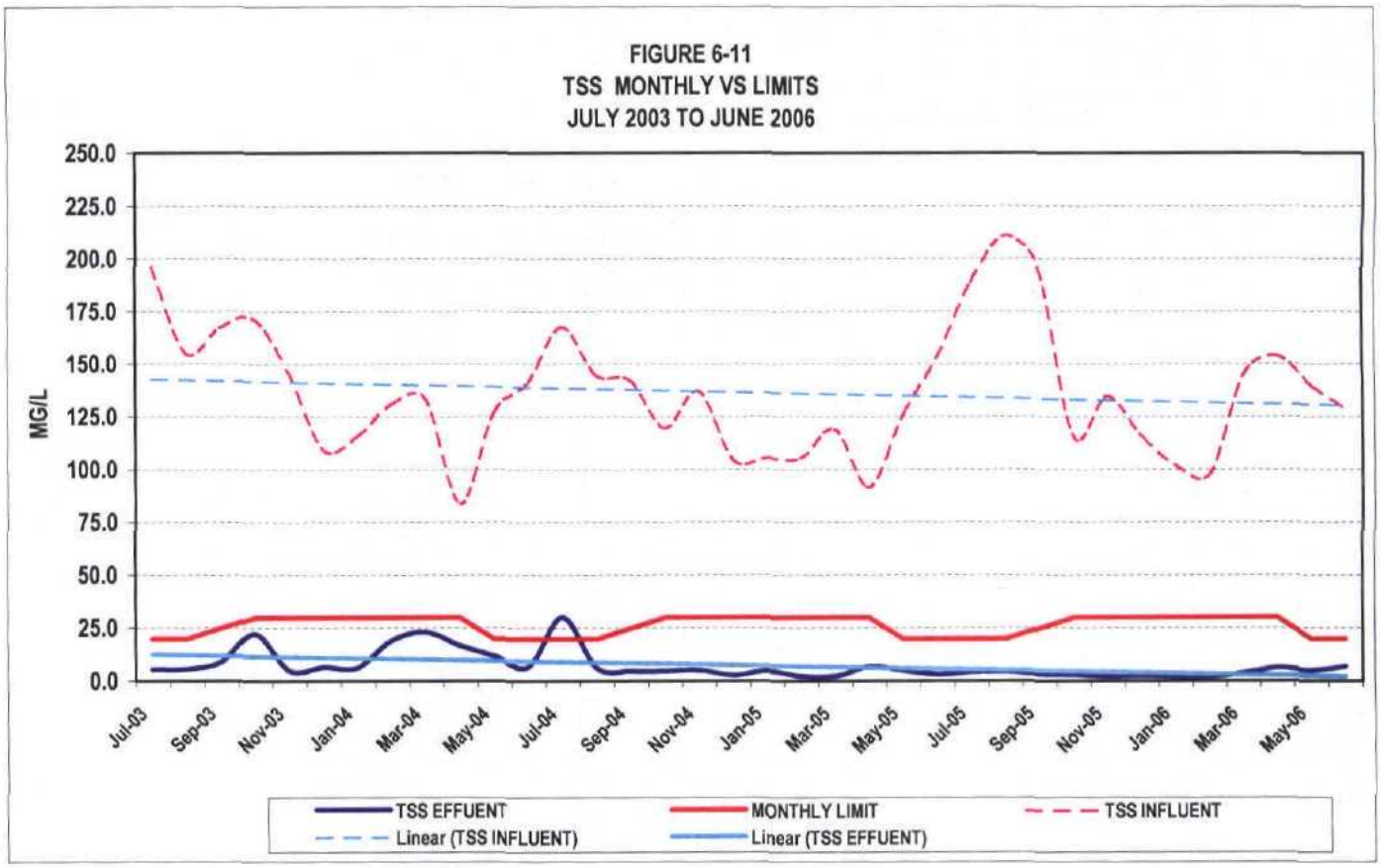


FIGURE 6-11
TSS MONTHLY VS LIMITS
JULY 2003 TO JUNE 2006
MG/L
250.0
225.0
200.0
175.0
150.0
125.0
100.0
75.0
50.0
25.0
0.0
Jul-03
Sep-03
Nov-03
Jan-04
Mar-04
May-04
Jul-04
Sep-04
Nov-04
Jan-05
Mar-05
May-05
Jul-05
Sep-05
Nov-05
Jan-06
Mar-06
May-06
TSS EFFUENT
MONTHLY LIMIT
TSS INFLUENT
Linear (TSS INFLUENT)
Linear (TSS EFFUENT)

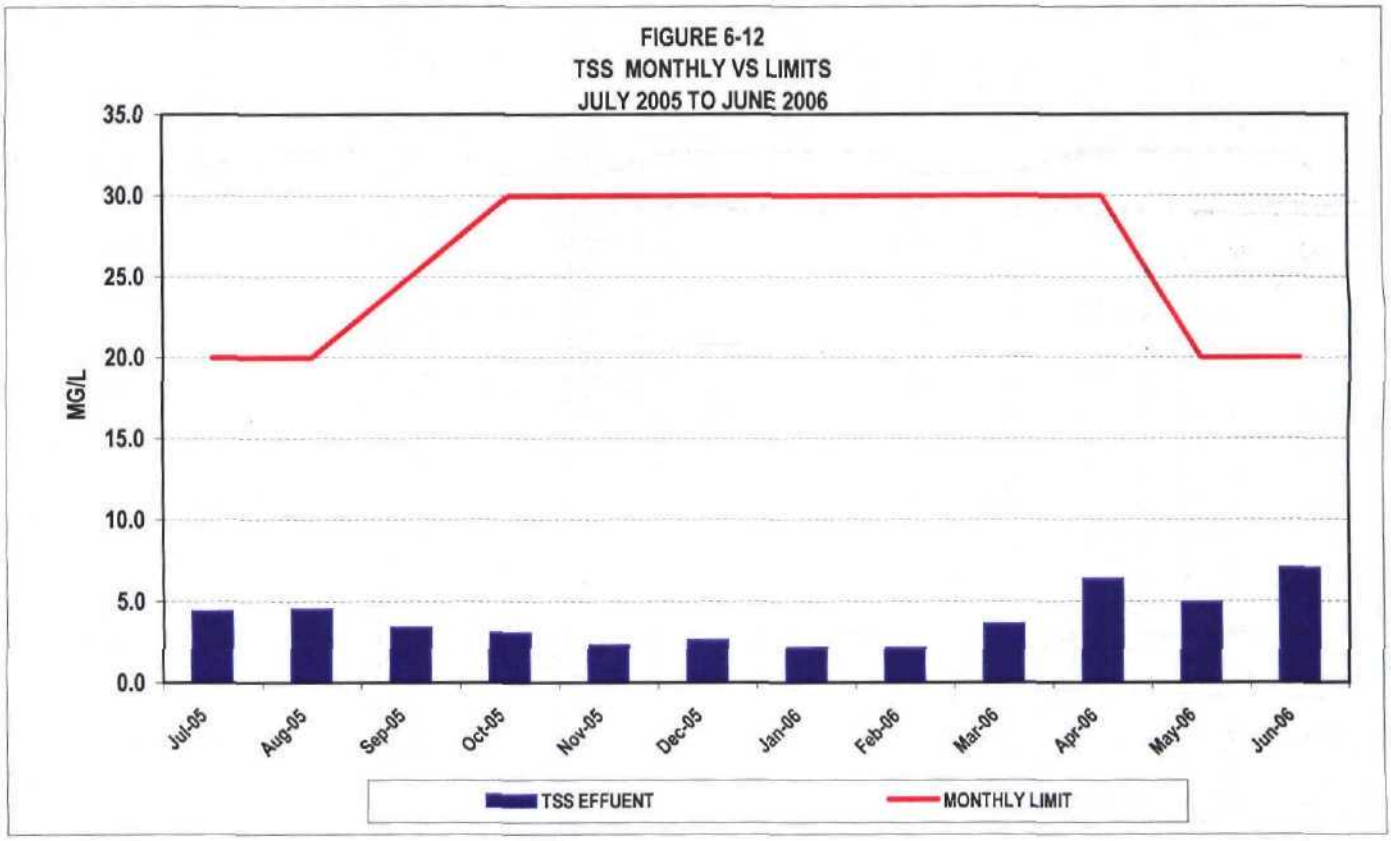


FIGURE 6-12
TSS MONTHLY VS LIMITS
JULY 2005 TO JUNE 2006
MG/L
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
Jul-05
Aug-05
Sep-05
Oct-05
Nov-05
Dec-05
Jan-06
Feb-06
Mar-06
Apr-06
May-06
Jun-06
TSS EFFUENT
MONTHLY LIMIT

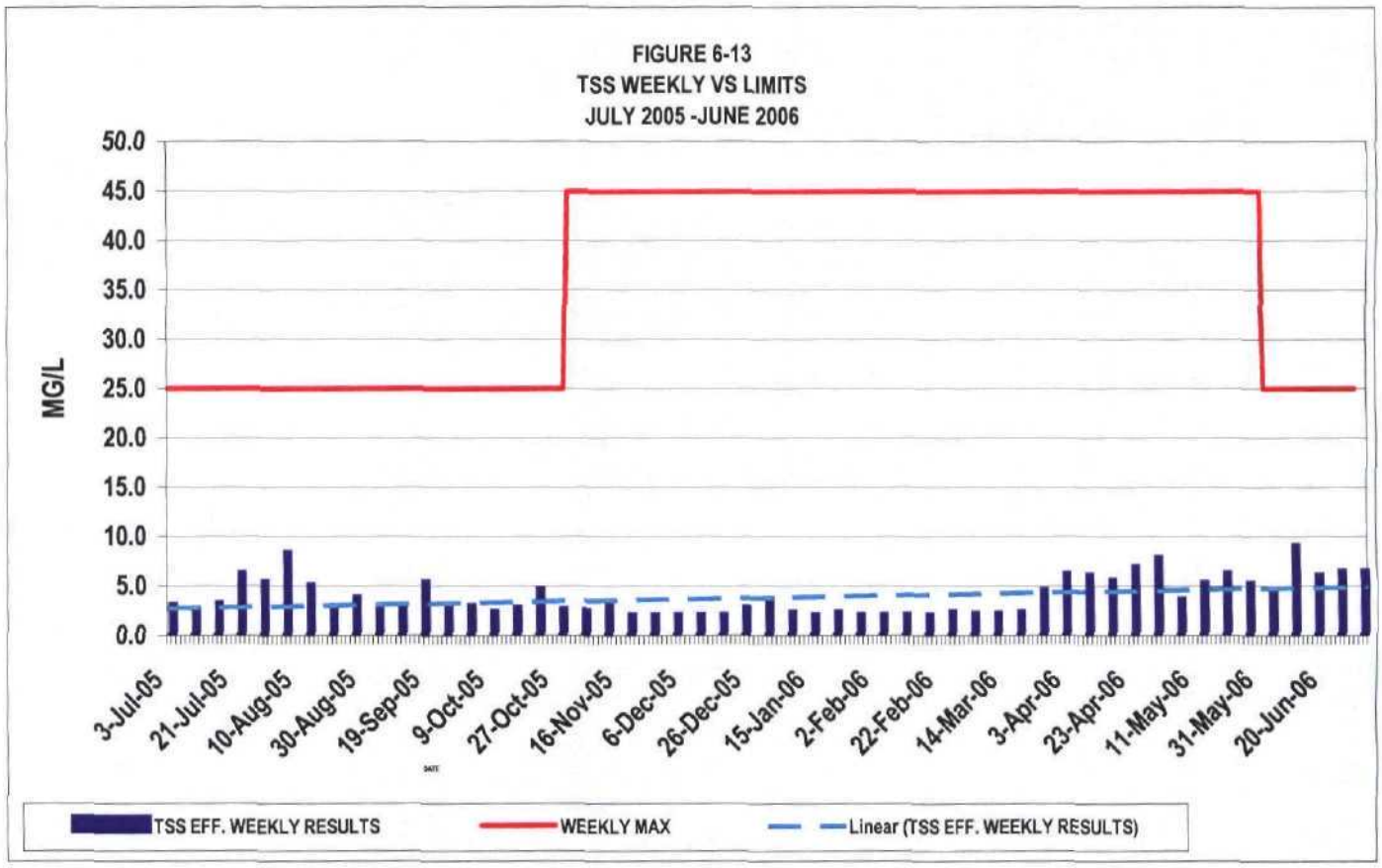


FIGURE 6-13
TSS WEEKLY VS LIMITS
JULY 2005 -JUNE 2006
MG/L
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
3-Jul-05
21-Jul-05
10-Aug-05
30-Aug-05
19-Sep-05
9-Oct-05
27-Oct-05
16-Nov-05
6-Dec-05
26-Dec-05
15-Jan-06
2-Feb-06
22-Feb-06
14-Mar-06
3-Apr-06
23-Apr-06
11-May-06
31-May-06
20-Jun-06
TSS EFF. WEEKLY RESULTS
WEEKLY MAX
Linear (TSS EFF. WEEKLY RESULTS)

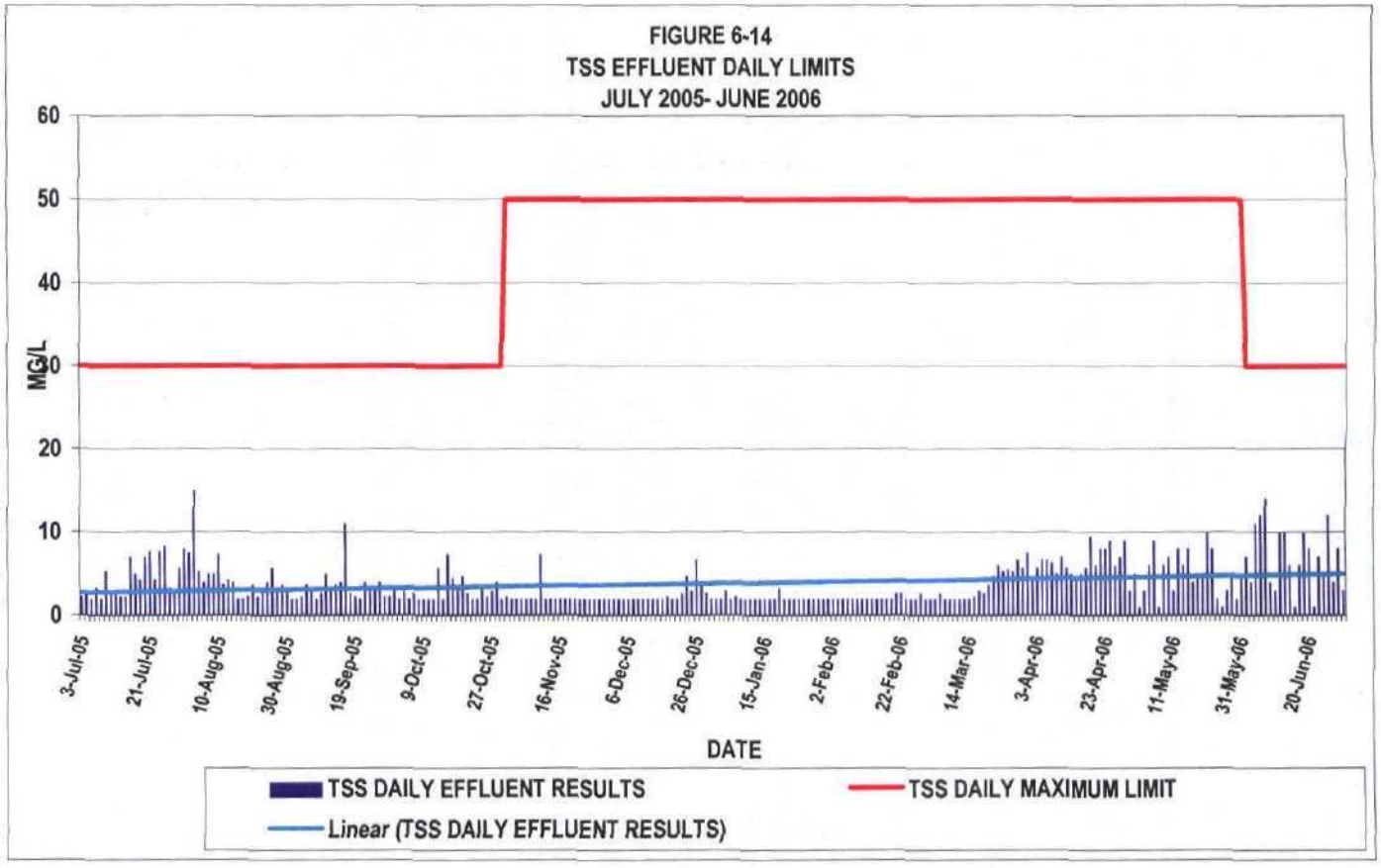


FIGURE 6-14
TSS EFFLUENT DAILY LIMITS
JULY 2005- JUNE 2006
MG/L
60
50
40
30
20
10
0
3-Jul-05
21-Jul-05
10-Aug-05
30-Aug-05
19-Sep-05
9-Oct-05
27-Oct-05
16-Nov-05
6-Dec-05
26-Dec-05
15-Jan-06
2-Feb-06
22-Feb-06
14-Mar-06
3-Apr-06
23-Apr-06
11-May-06
31-May-06
20-Jun-06
DATE
TSS DAILY EFFLUENT RESULTS
TSS DAILY MAXIMUM LIMIT
Linear (TSS DAILY EFFLUENT RESULTS)

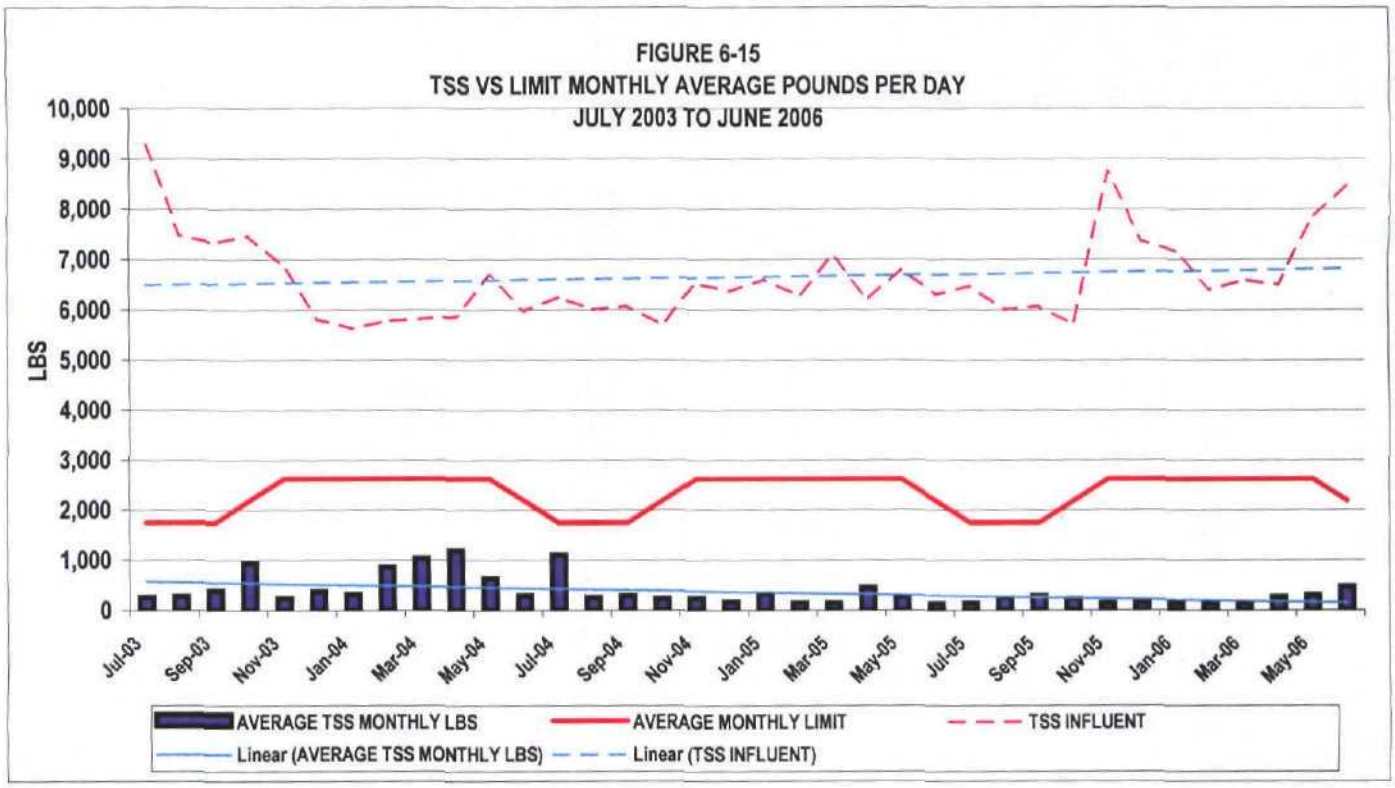


FIGURE 6-15
TSS VS LIMIT MONTHLY AVERAGE POUNDS PER DAY
JULY 2003 TO JUNE 2006
LBS
10,000
9,000
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
Jul-03
Sep-03
Nov-03
Jan-04
Mar-04
May-04
Jul-04
Sep-04
Nov-04
Jan-05
Mar-05
May-05
Jul-05
Sep-05
Nov-05
Jan-06
Mar-06
May-06
AVERAGE TSS MONTHLY LBS
AVERAGE MONTHLY LIMIT
TSS INFLUENT
Linear (AVERAGE TSS MONTHLY LBS)
Linear (TSS INFLUENT)

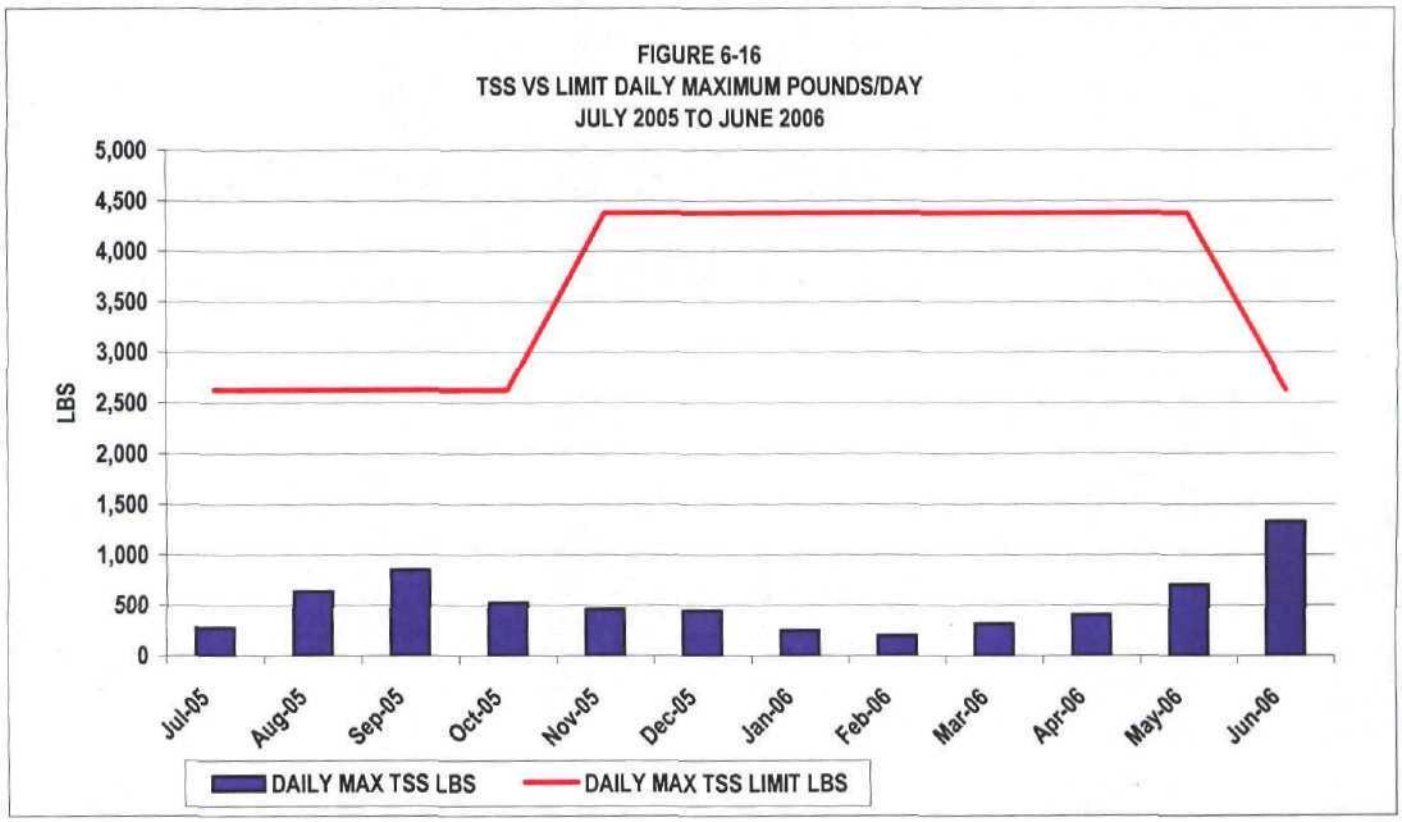
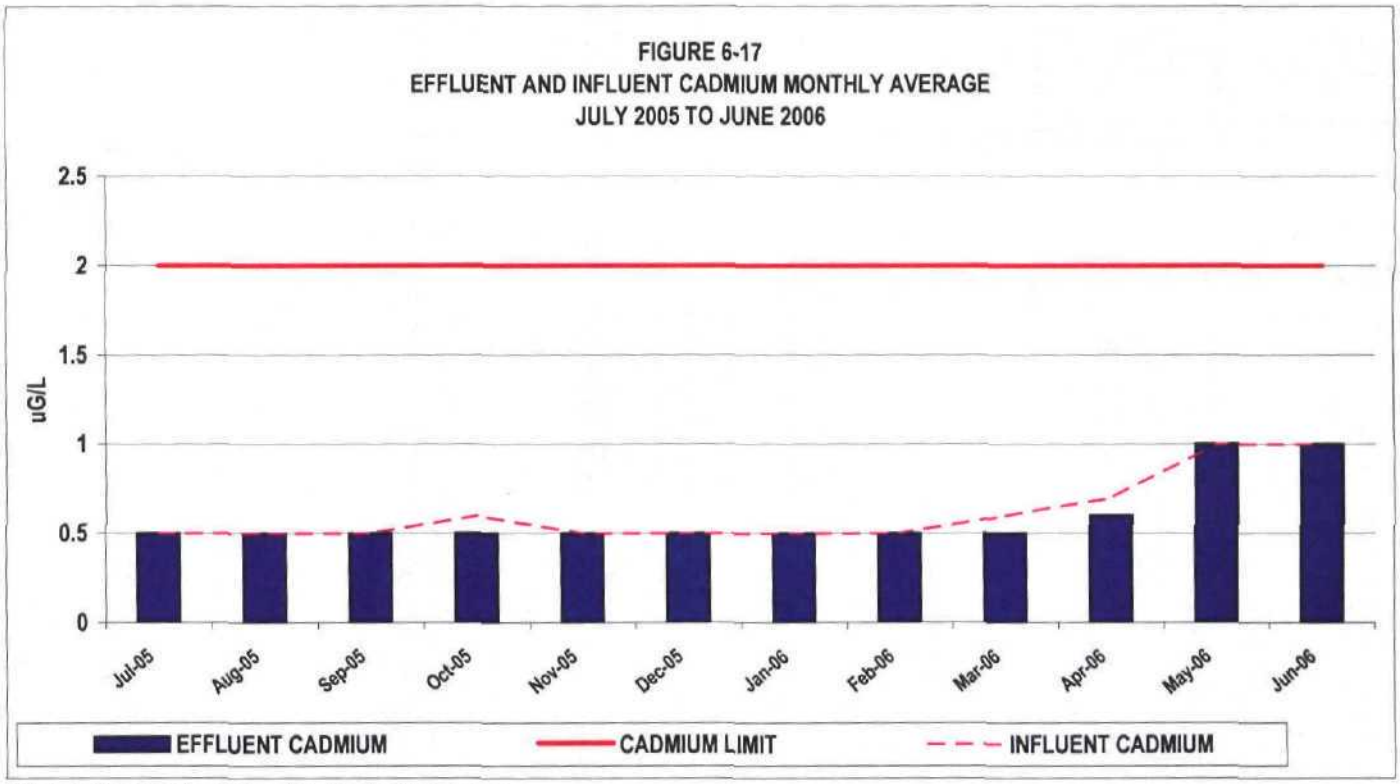


FIGURE 6-16
TSS VS LIMIT DAILY MAXIMUM POUNDS/DAY
JULY 2005 TO JUNE 2006
LBS
5,000
4,500
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Jul-05
Aug-05
Sep-05
Oct-05
Nov-05
Dec-05
Jan-06
Feb-06
Mar-06
Apr-06
May-06
Jun-06
DAILY MAX TSS LBS
DAILY MAX TSS LIMIT LBS



Note :Change in detection limit May-June

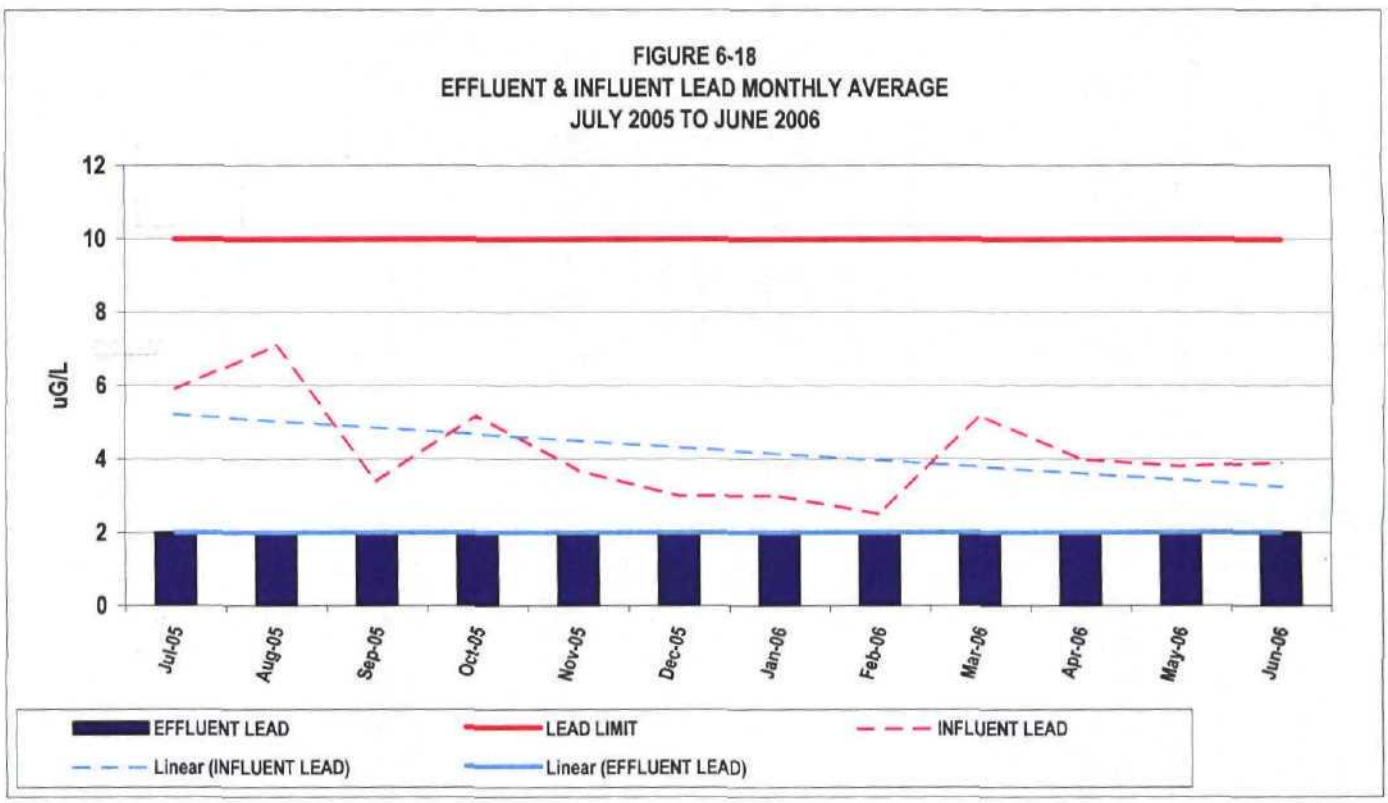


FIGURE 6-19
EFFLUENT & INFLUENT CYANIDE MONTHLY AVERAGE
JULY 2005 TO JUNE 2006

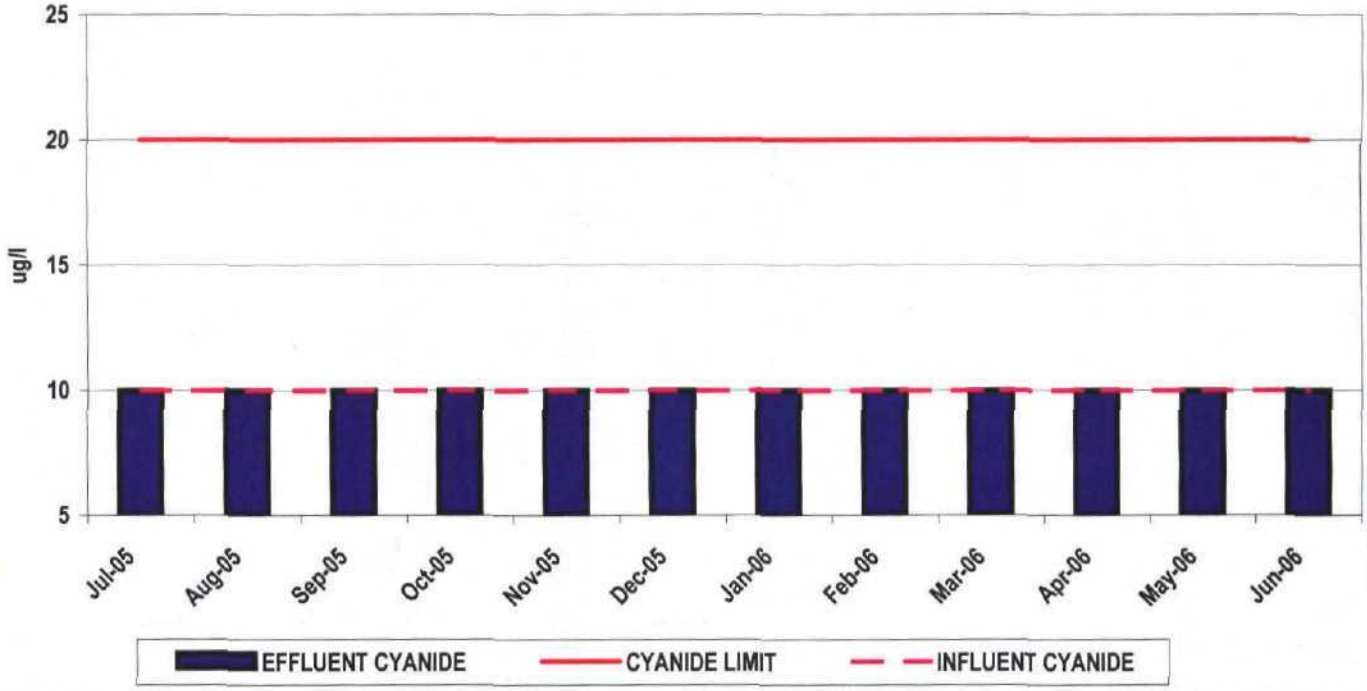


FIGURE 6-20
EFFLUENT & INFLUENT ZINC MONTHLY AVERAGE
JULY 2005 TO JUNE 2006

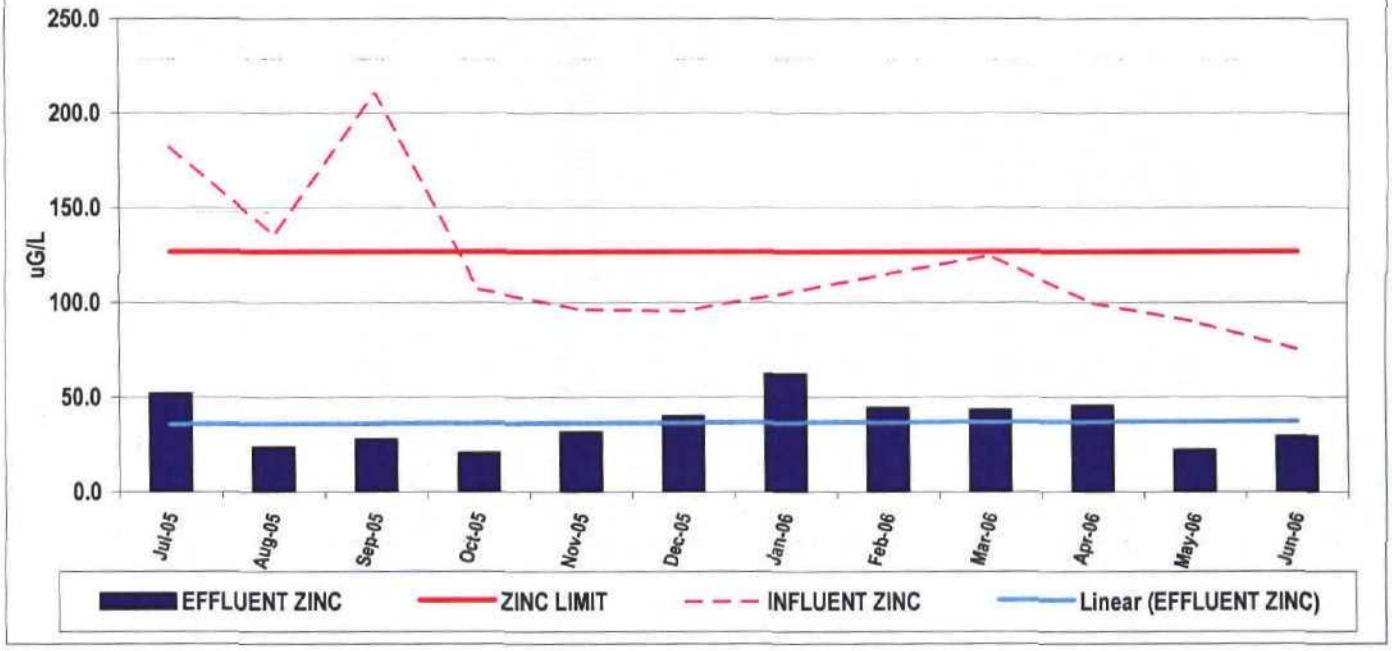


FIGURE 6-21
AVERAGE DAILY FLOWS VS. RAS
JULY 2005 TO JUNE 2006

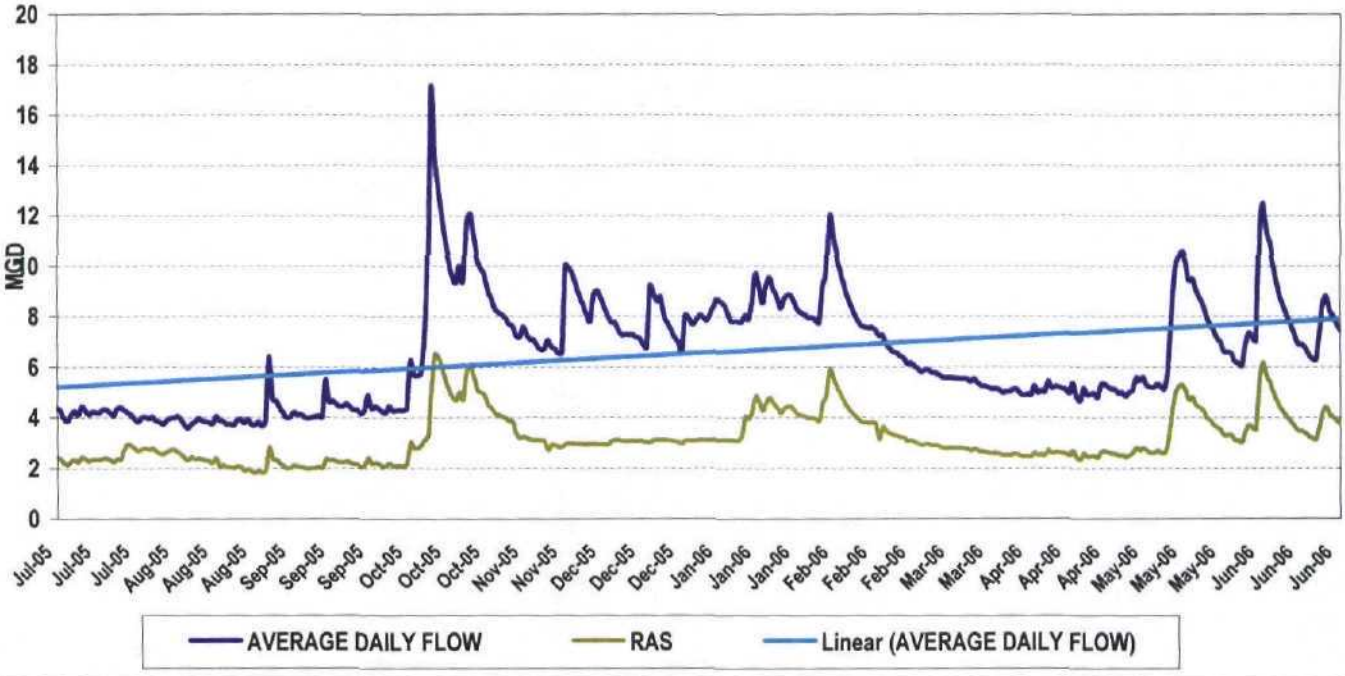
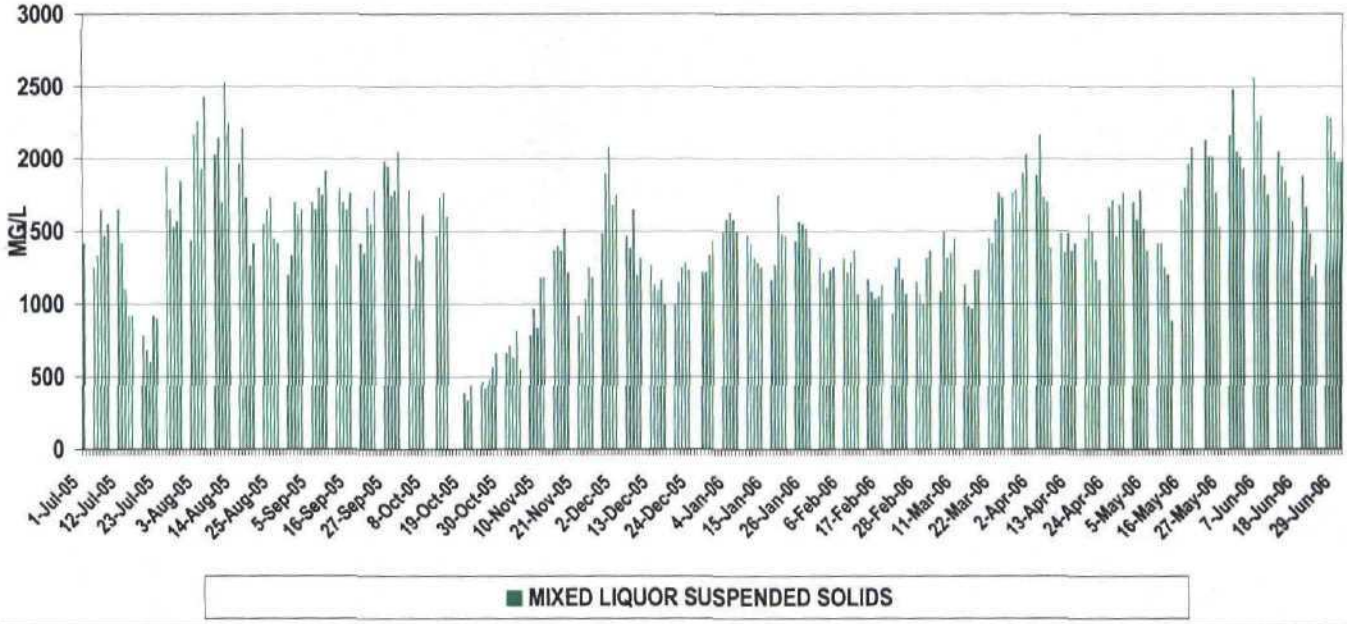


FIGURE 6-22
MLSS RESULTS
JULY 2005 TO JUNE 2006



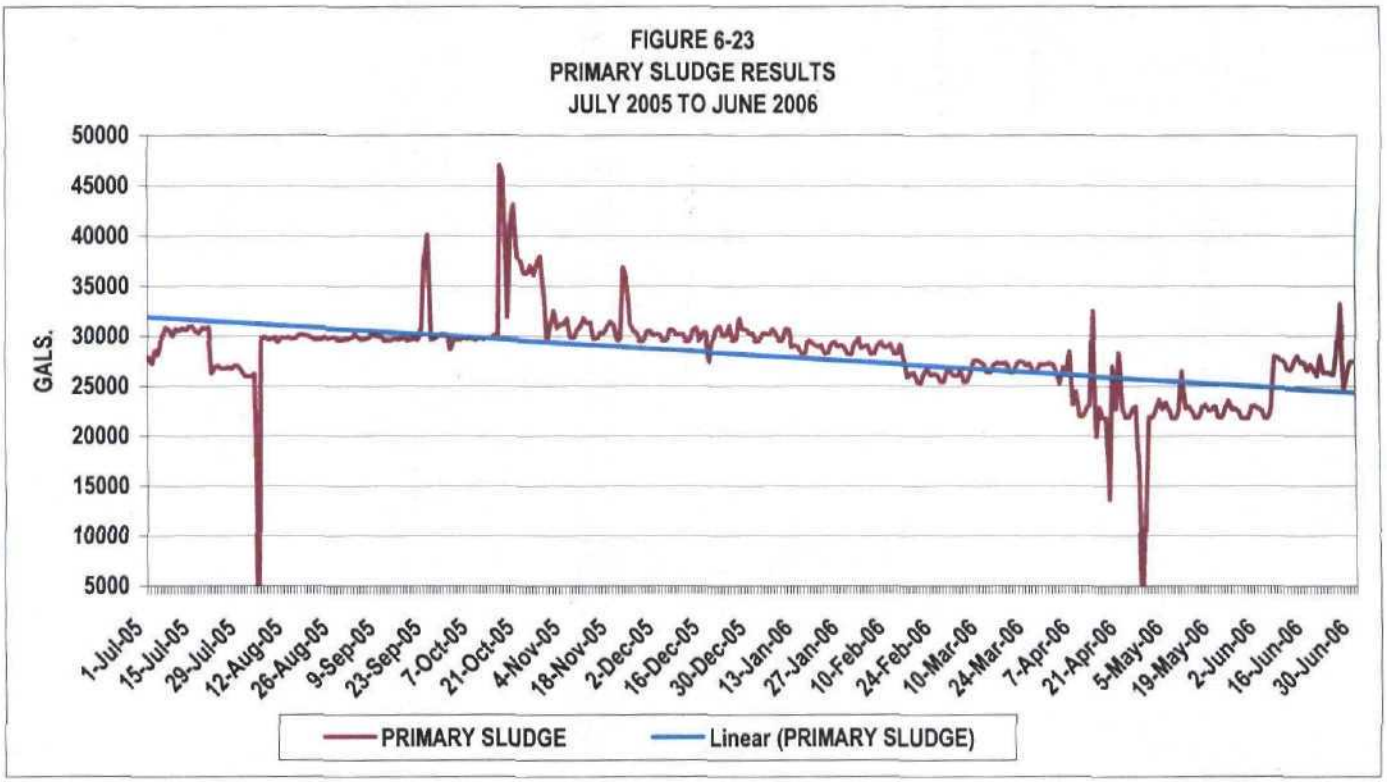


FIGURE 6-23
PRIMARY SLUDGE RESULTS
JULY 2005 TO JUNE 2006
GALS.
50000
45000
40000
35000
30000
25000
20000
15000
10000
5000
1-Jul-05
15-Jul-05
29-Jul-05
12-Aug-05
26-Aug-05
9-Sep-05
23-Sep-05
7-Oct-05
21-Oct-05
4-Nov-05
18-Nov-05
2-Dec-05
16-Dec-05
30-Dec-05
13-Jan-06
27-Jan-06
10-Feb-06
24-Feb-06
10-Mar-06
24-Mar-06
7-Apr-06
21-Apr-06
5-May-06
19-May-06
2-Jun-06
16-Jun-06
30-Jun-06
PRIMARY SLUDGE
Linear (PRIMARY SLUDGE)

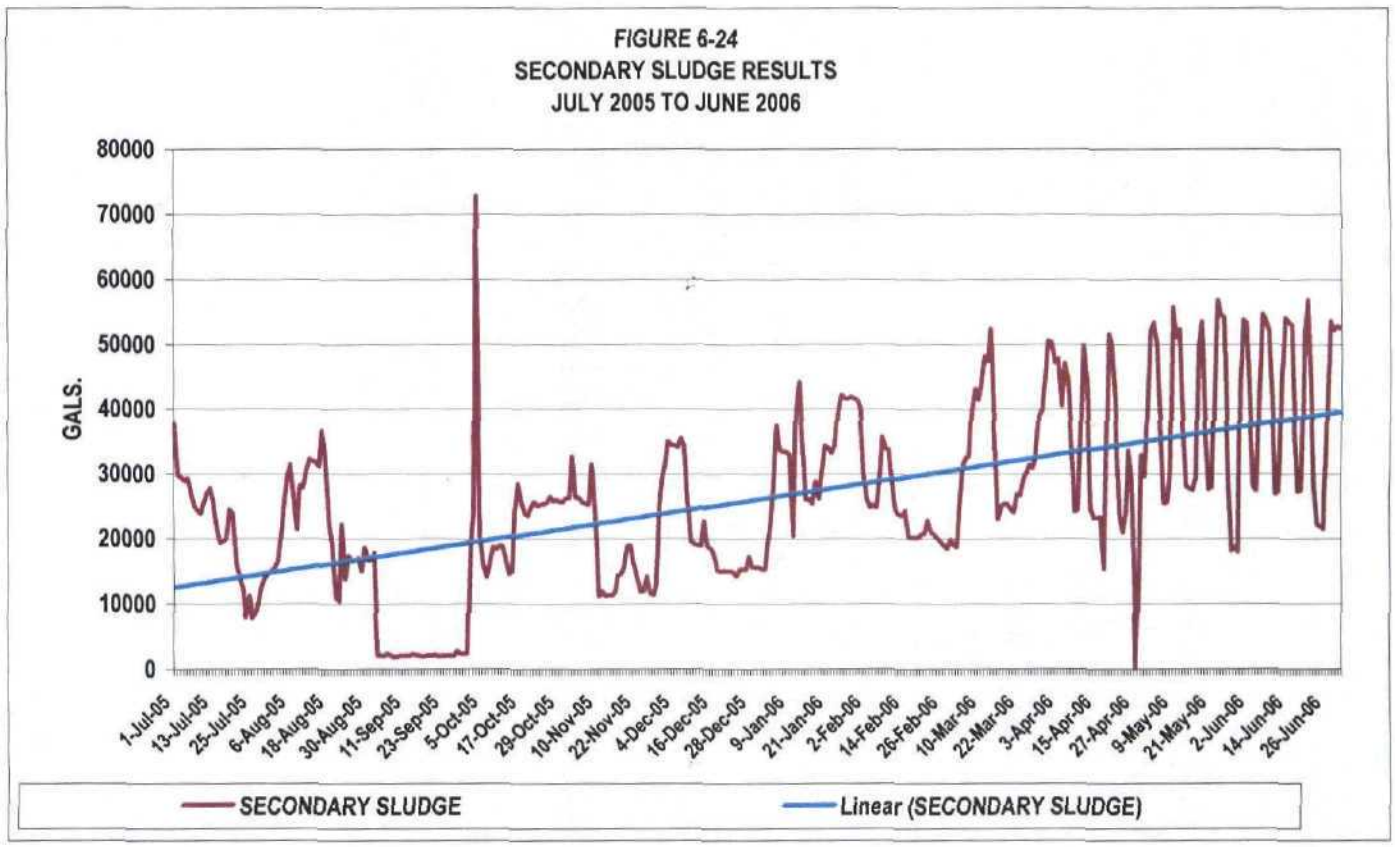


FIGURE 6-24
SECONDARY SLUDGE RESULTS
JULY 2005 TO JUNE 2006
GALS.
80000
70000
60000
50000
40000
30000
20000
10000
0
1-Jul-05
13-Jul-05
25-Jul-05
6-Aug-05
18-Aug-05
30-Aug-05
11-Sep-05
23-Sep-05
5-Oct-05
17-Oct-05
29-Oct-05
10-Nov-05
22-Nov-05
4-Dec-05
16-Dec-05
28-Dec-05
9-Jan-06
21-Jan-06
2-Feb-06
14-Feb-06
26-Feb-06
10-Mar-06
22-Mar-06
3-Apr-06
15-Apr-06
27-Apr-06
9-May-06
21-May-06
2-Jun-06
14-Jun-06
26-Jun-06
SECONDARY SLUDGE
Linear (SECONDARY SLUDGE)

FIGURE 6-25
EFFLUENT AMMONIA AVERAGE MONTHLY
JULY 2003 TO JUNE 2006

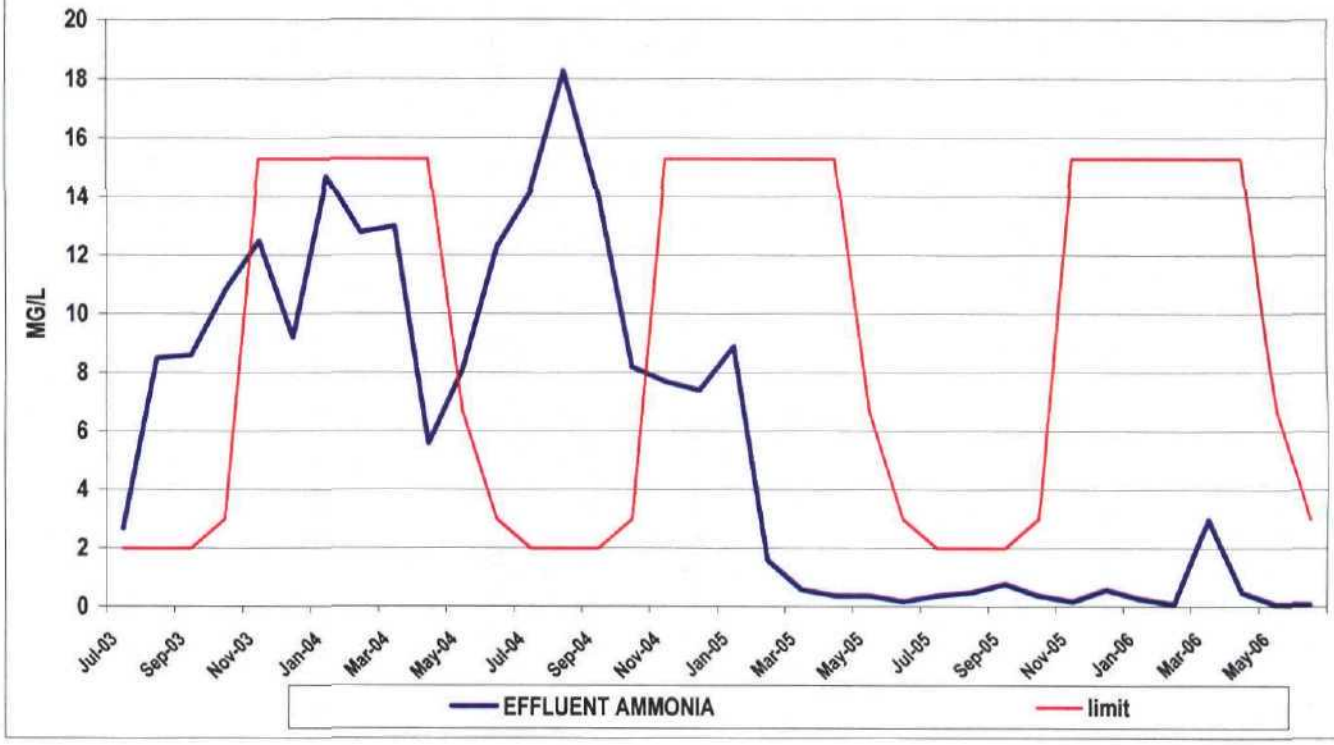
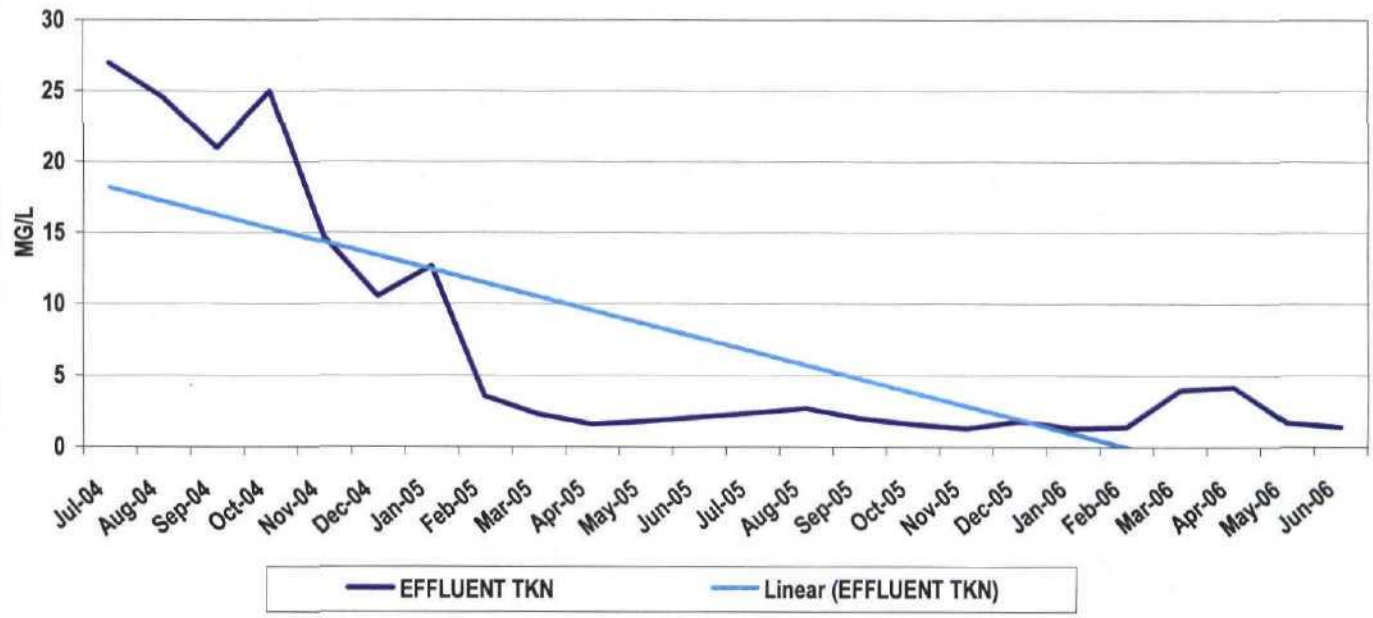


FIGURE 6-26
EFFLUENT TKN MONTHLY AVERAGE
JULY 2004 TO JUNE 2006



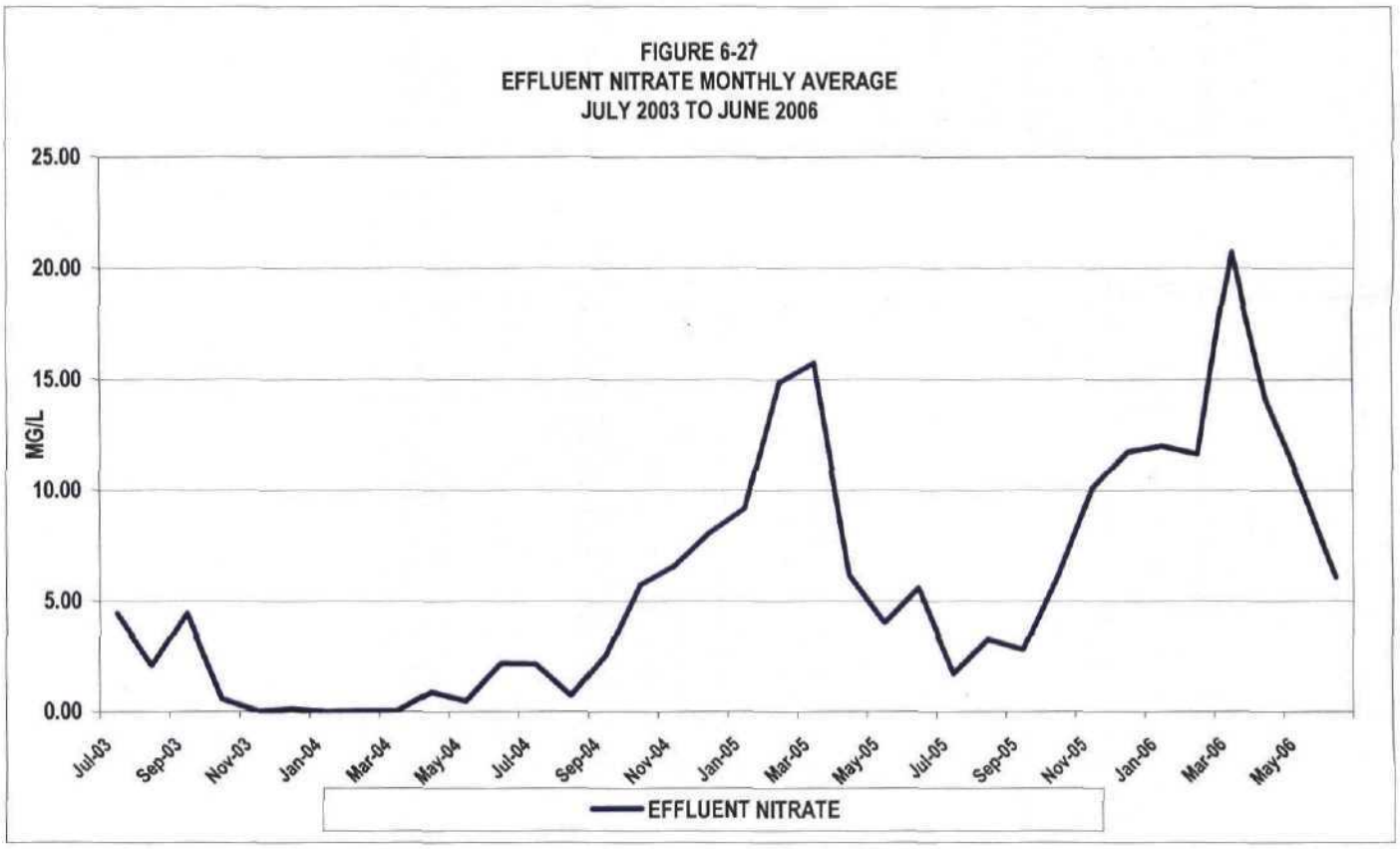


FIGURE 6-27
EFFLUENT NITRATE MONTHLY AVERAGE
JULY 2003 TO JUNE 2006
MG/L
25.00
20.00
15.00
10.00
5.00
0.00
Jul-03
Sep-03
Nov-03
Jan-04
Mar-04
May-04
Jul-04
Sep-04
Nov-04
Jan-05
Mar-05
May-05
Jul-05
Sep-05
Nov-05
Jan-06
Mar-06
May-06
EFFLUENT NITRATE

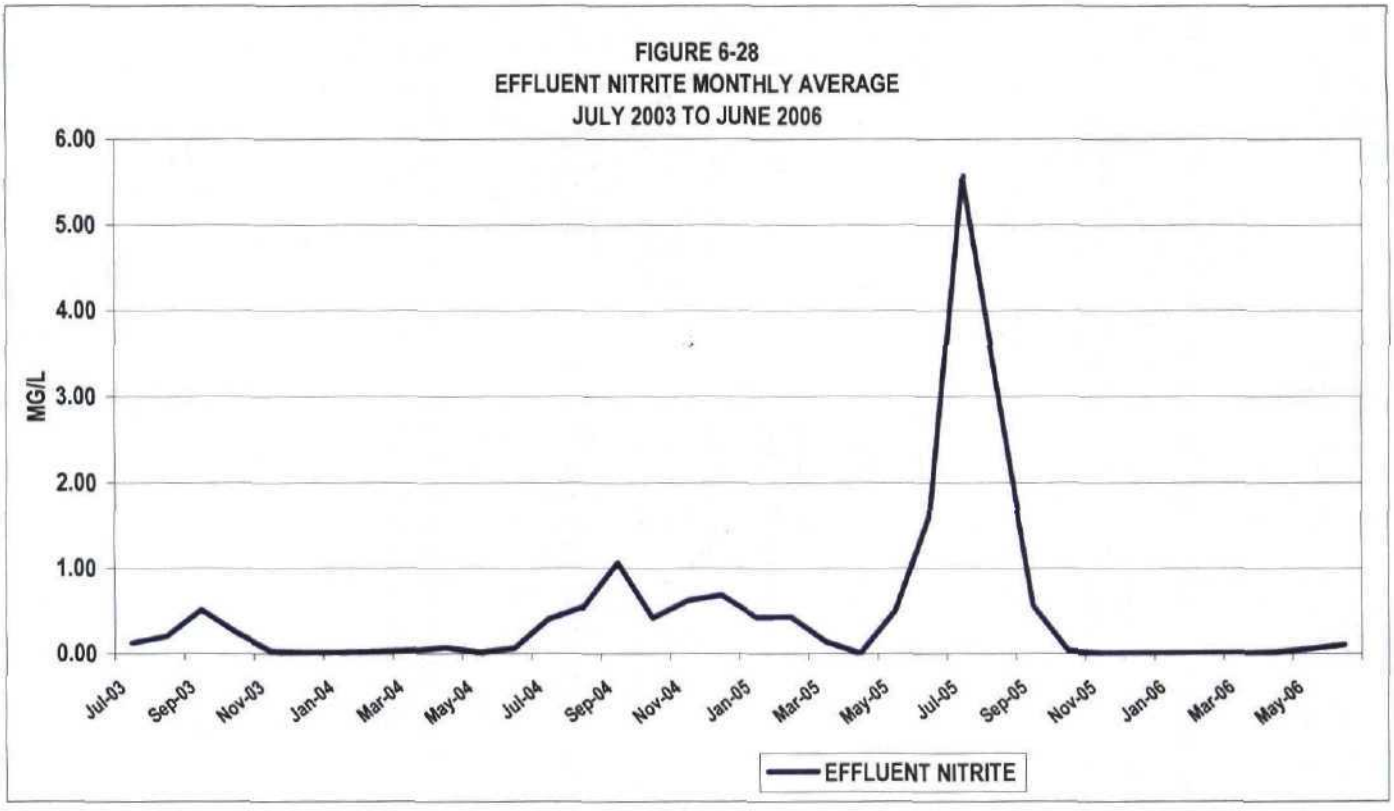


FIGURE 6-28
EFFLUENT NITRITE MONTHLY AVERAGE
JULY 2003 TO JUNE 2006
MG/L
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Jul-03
Sep-03
Nov-03
Jan-04
Mar-04
May-04
Jul-04
Sep-04
Nov-04
Jan-05
Mar-05
May-05
Jul-05
Sep-05
Nov-05
Jan-06
Mar-06
May-06
EFFLUENT NITRITE

FIGURE 6-29
EFFLUENT TOTAL NITROGEN MONTHLY AVERAGE
JULY 2003 TO JUNE 2006

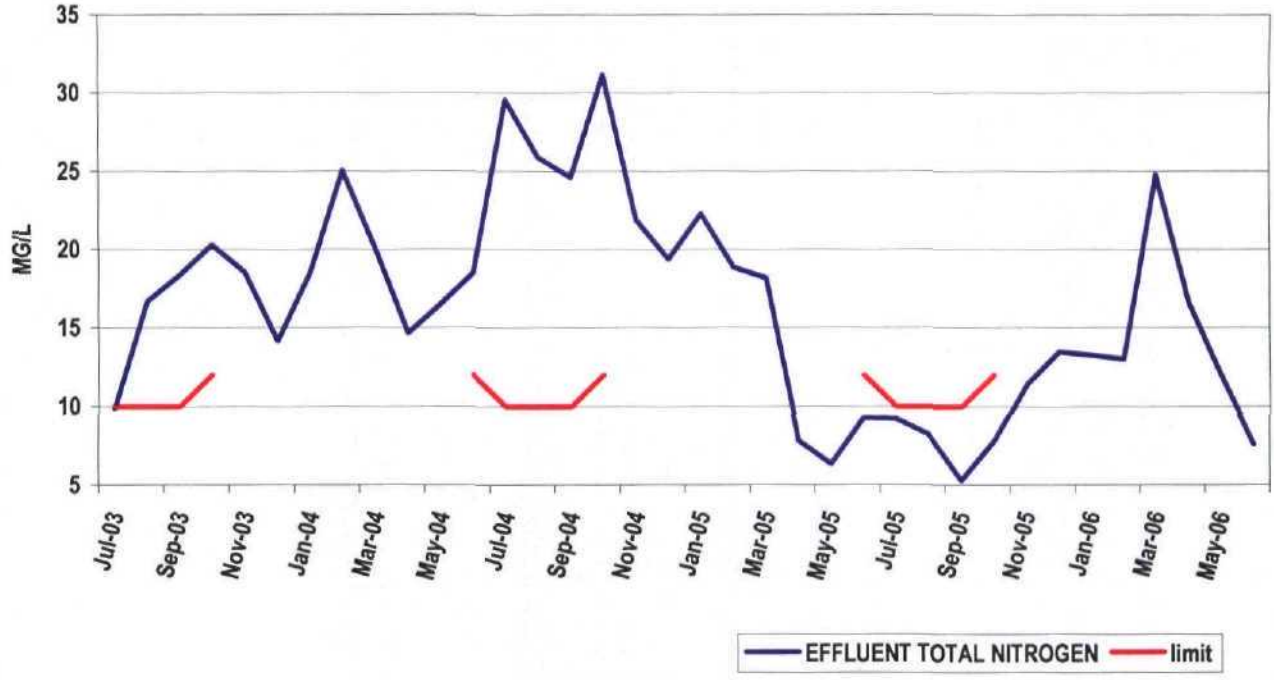


FIGURE 6-30
EFFLUENT PHOSPHOROUS MONTHLY AVERAGE
JULY 2003 TO JUNE 2006

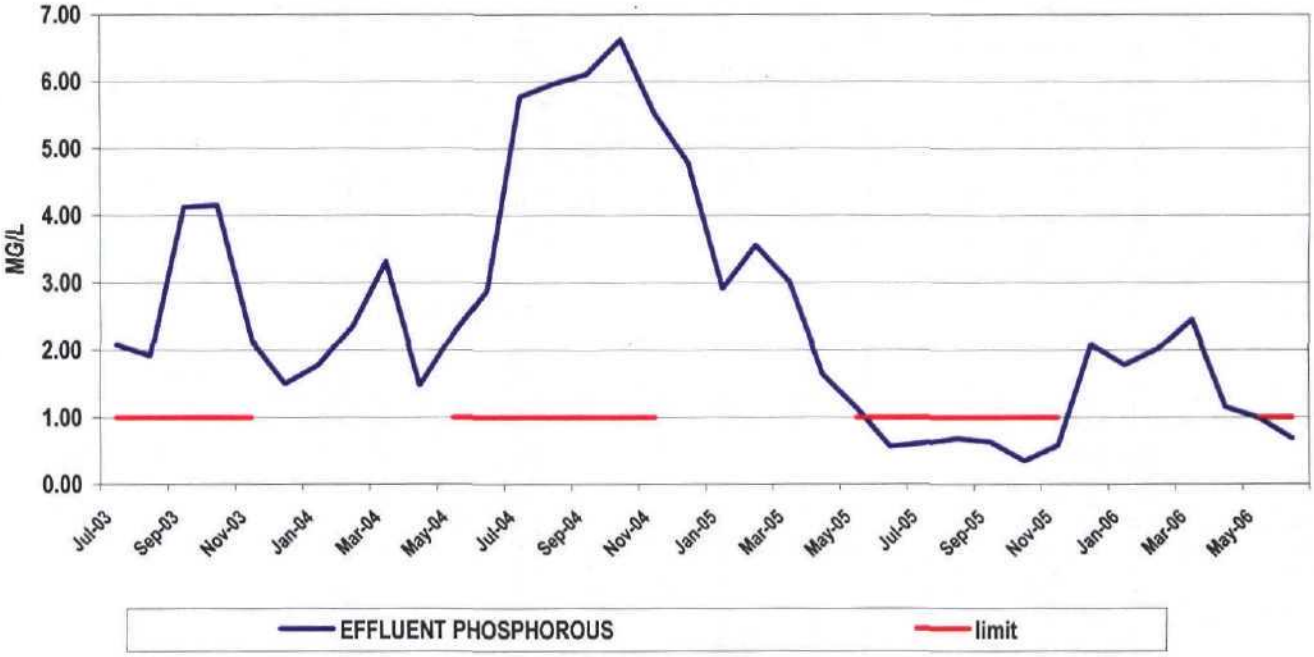


FIGURE 6-31
SLUDGE VOLUME INDEX
JULY 2005 TO JUNE 2006

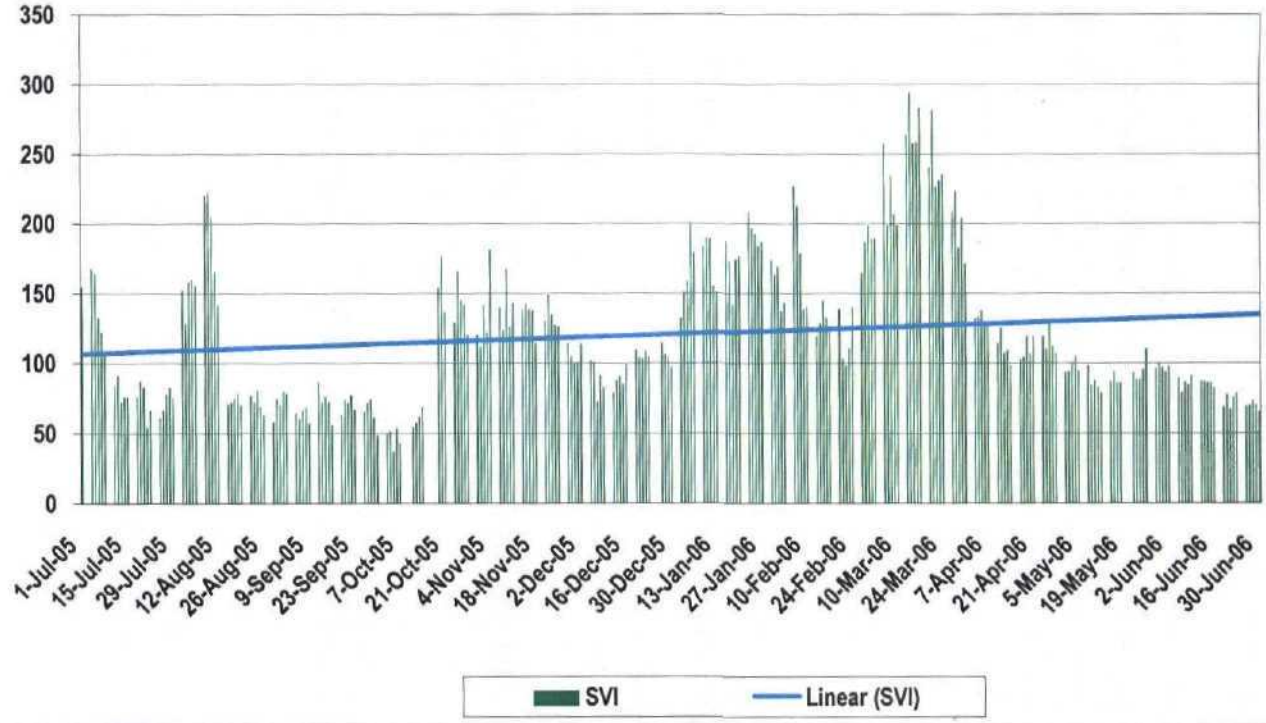


FIGURE 6-32
BIS-2 PHTHALATE MONTHLY AVERAGE
JULY 2005 TO JUNE 2006

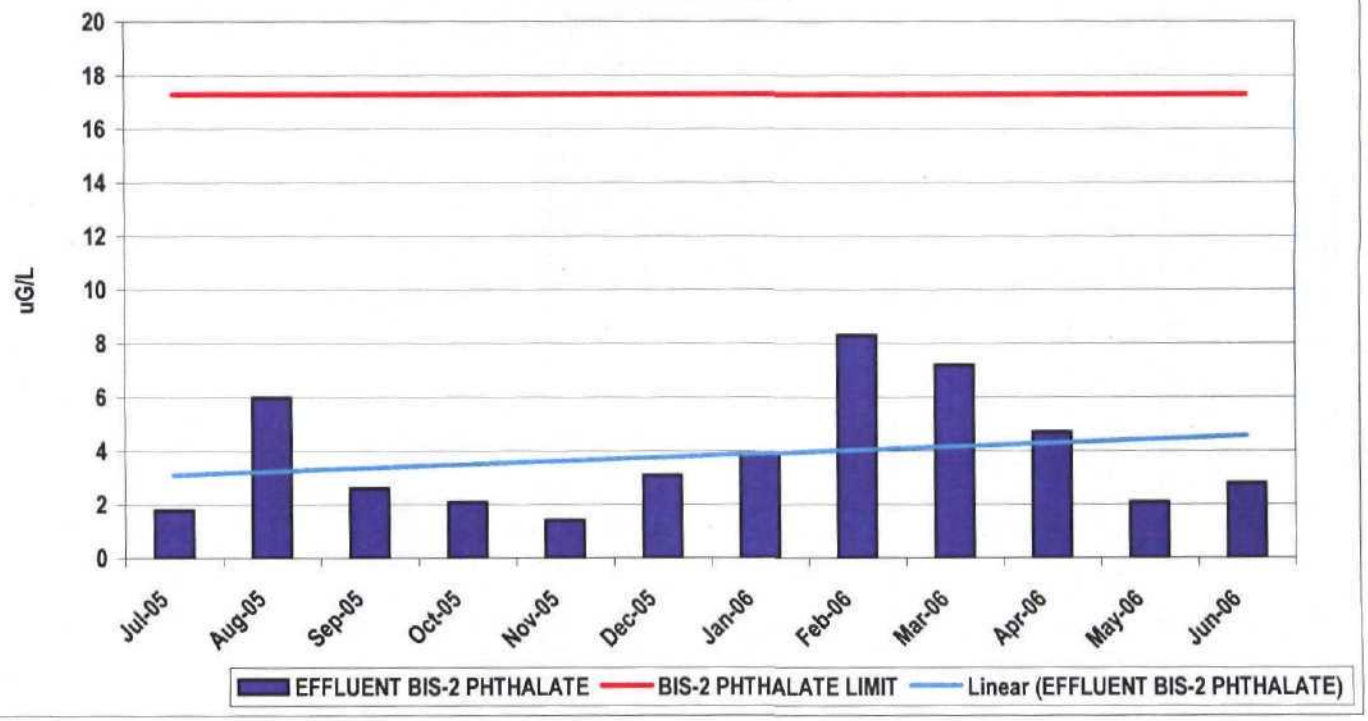


TABLE 6-1A

SUMMARY OF LOCAL LIMITS SAMPLING FOR BOD

BOD REMOVAL

BLUE INDICATES LESS THAN DETECTION LIMIT

DATE	AVE.FLOW (mgd)	influent mg/l	primary effl mg/l	removal %	sec eff mg/l	removal %	BAF eff. mg/l	removal %	effluent mg/l	removal %	Total Removal	Domestic mg/l	influent LBS/D	primary effl LBS/D	sec eff LBS/D	BAF eff. LBS/D	effluent LBS/D
2/28/02	4.62																
6/18/02	5.43	87	77	11	9	89			8	6	91		3,940	3,487	385		362
9/29/02	4.31	140	130	7	12	91			8	33	94		5,032	4,673	431		288
11/7/02	4.84	99	180	-82	39	78			14	64	86	280	3,996	7,266	1,574		565
3/11/03	7.14	100	130	-30	14	89			20	-43	80		5,955	7,741	834		1,191
5/20/03	6.12	80	140	-75	6	96			4	33	95		4,083	7,146	306		204
8/20/03	5.75	170	150	12	17	89			8	53	95	260	8,152	7,193	815		384
11/4/03	6.28	170	180	-6	8	96			4	50	98		8,904	9,428	419		210
2/25/04	5.04	160	170	-6	9	95			9	0	94		6,725	7,146	378		378
5/19/04	5.96	84	72	14	24	67			20	17	76		4,175	3,579	1,193		994
8/25/04	4.82	120	110	8	9	92			6.3	30	95		4,824	4,422	362		253
10/27/04	5.44	150	160	-7	13	92			3	77	98	270	6,805	7,259	590		136
2/16/05	9.71	130	75	42	9	88	9.2	0	3	67	98		10,528	6,074	745	745	243
5/18/05	6.13	110	62	44	10	64	2	80	2	0	98		5,624	3,170	511	102	102
8/16/05	5.79	230	180	22	2	99	2		3.3	-65	99	520	11,106	8,692	97	97	159
11/15/05	5.69	93	57	39	9	84	2	78	2	0	98		4,413	2,705	441	95	95
2/3/06	6.12	140	90	36	20	78	2.6	87	2	3	99		7,146	4,594	1,021	133	102
5/10/06	5.24	230	110	52	30	73	4	87	4	0	98		10,051	4,807	1,311	175	175
AVE '05-'06	5.71	173	109	37	15	83	3	84	3	-16	98	520	8,179	5,199	717	125	133
AVE '02-05	5.83	123	126	-5	14	88	6	40	8	30	92	270	6,057	6,045	657	424	408

TABLE 6-1B
TOWN OF WEST WARWICK
WATER POLLUTION CONTROL FACILITY
BOD LOADING

BOD CONCENTRATION						
MONTH	MONTH AVG FLOW	BOD OR CBOD INFLUENT DAY. MAX.	BOD OR CBOD INFLUENT 30 DAY AVG.	BOD OR CBOD EFFLUENT DAY. MAX.	BOD OR CBOD EFFLUENT 30 DAY AVG.	BOD OR CBOD REMOVAL
	MGD	mg/l	mg/l	mg/l	mg/l	%
Jul-05	4.1	220	175	17	8	96
Aug-05	3.9	300	212	72	11	94
Sep-05	4.3	340	193	17	5	98
Oct-05	8.6	230	120	18	6	95
Nov-05	7.8	240	130	10	3	98
Dec-05	7.8	140	110	10	4	97
Jan-06	8.5	200	118	5	2	98
Feb-06	8.0	200	121	6	3	98
Mar-06	5.5	270	173	9	3	98
Apr-06	5.1	350	178	27	8	95
May-06	7.2	240	133	19	5	96
Jun-06	8.1	210	99	15	5	95
AVERAGE	6.6	245	147	19	5	97

BOD MASS								
MONTH/YEAR	BOD INFLUENT AVE LBS	BOD INFLUENT MAX LBS	BOD EFFLUENT AVE LBS	BOD EFFLUENT MAX LBS	CBOD INFLUENT AVE LBS	CBOD INFLUENT MAX LBS	CBOD EFFLUENT AVE LBS	CBOD EFFLUENT MAX LBS
	LBS/D	LBS/D	LBS/D	LBS/D	LBS/D	LBS/D	LBS/D	LBS/D
Jul-05					6,008	7,323	265	595
Aug-05					7,072	9,983	378	2,390
Sep-05					7,097	15,165	182	781
Oct-05					7,554	15,504	484	1,791
Nov-05	8,411	15,232	195	699				
Dec-05	7,019	8,500	223	623				
Jan-06	8,321	14,545	172	387				
Feb-06	7,840	11,799	173	519				
Mar-06	7,863	12,520	150	439				
Apr-06	7,510	14,537	343	1,164				
May-06	7,364	10,308	285	883				
Jun-06					6,498	13,994	320	923
AVERAGE	7,761	12,492	220	673	6,846	12,394	326	1,296

HEADWORKS LOADING AS A *PERCENTAGE OF PLANT* DESIGN

	BOD		CBOD	
Plant design	AVE. %	MAX %	AVE. %	MAX %
21893	35.45%	57.06%	31%	57%
MASS AVAILABLE	14,132	9,401	15,047	9,499

Date	AVE. FLOW (mgd)	BOD influent	mg/l primary effl	sec eff	BAF eff	effluent	REMOVAL
	MGD	mg/l	mg/l	mg/l	mg/l	mg/l	%
8/16/05	5.79	230	180	2	2	3	99%
11/15/05	5.69	93	57	9	2	2	98%
2/3/06	6.12	140	90	20	2.6	2	99%
5/10/06	5.24	230	110	30	4	4	98%
AVERAGE	5.71	173	109	15	3	3	98%

BLUE INDICATES LESS THAN DETECTION LIMIT

TABLE 6-2A
SUMMARY OF LOCAL LIMITS SAMPLING FOR TSS

TSS REMOVAL

BLUE INDICATES LESS THAN DETECTION LIMIT

DATE	AVE.FLOW (mgd)	influent mg/l	primary effl mg/l	removal %	sec eff mg/l	removal %	BAF eff. mg/l	removal %	effluent mg/l	removal %	Total Removal	Domestic mg/l	influent LBS/D	primary effl LBS/D	sec eff LBS/D	BAF eff. LBS/D	effluent LBS/D
2/28/02	4.62																
6/18/02	5.43	110	53	52	8.5	84			6.0	29	95		4,981	2,400	385		272
9/29/02	4.31	110	61	45	4.3	93			3.0	30	97		3,954	2,193	155		108
11/7/02	4.84	110	63	43	14.0	78			9.3	34	92	180	4,440	2,543	565		375
3/11/03	7.14	94	51	46	4.3	92			3.3	23	96		5,597	3,037	256		197
5/20/03	6.12	100	65	35	4.0	94			2.7	33	97		5,104	3,318	204		138
8/20/03	5.75	130	57	56	2.0	96			2.0	0	98	220	6,234	2,733	96		96
11/4/03	6.28	130	66	49	4.7	93			3.0	36	98		6,809	3,457	246		157
2/25/04	5.04	120	56	53	4.7	92			6.3	-34	95		5,044	2,354	198		265
5/19/04	5.96	83	50	40	19.0	62			24.0	-26	71		4,126	2,485	944		1,193
8/25/04	4.82	110	63	43	6.5	90			5.7	12	95	220	4,422	2,533	261		229
10/27/04	5.44	86	50	42	3.3	93			2.3	30	97		3,902	2,268	150		104
2/16/05	9.71	94	50	47	2.7	95	2.3	15	2.3	0	98		7,612	4,049	219	186	186
5/18/05	6.13	120	58	52	5.0	91	2	60	2.7	-35	98		6,135	2,965	256	102	138
8/16/05	5.79	220	97	56	6.3	94	3.0	52	3.3	-10	99	470	10,623	4,684	304	145	159
11/15/05	5.69	94	54	43	11.0	80	2	82	2	0	98		4,461	2,563	522	95	95
2/3/06	6.12	140	50	64	3.7	93	2	46	2	0	99		7,146	2,552	189	102	102
5/10/06	5.24	160	64	60	8.0	88	3.0	63	7.0	-133	96		6,992	2,797	350	131	306
AVE '05-'06	**5.71**	**154**	**66**	**56**	**7**	**88**	**3**	**61**	**3.6**	**-36**	**98**	**470**	**7,306**	**3,149**	**341**	**118**	**166**
AVE '02-05	**5.83**	**107**	**57**	**46**	**6**	**89**	**2**	**37**	**5.6**	**10**	**94**	**207**	**5,259**	**2,795**	**303**	**144**	**266**

TABLE 6-2B

TOWN OF WEST WARWICK
WATER POLLUTION CONTROL FACILITY
TSS

TSS CONCENTRATION					
MONTH	TSS INFLUENT		TSS EFFLUENT		TSS
	DAY. MAX.	30 DAY AVG.	DAY. MAX.	30 DAY AVG.	% REMOVAL
	mg/l	mg/l	mg/l	mg/l	%
Jul-05	220	189	8.3	4.4	97.7
Aug-05	340	211	15.0	4.5	97.8
Sep-05	310	195	11.0	3.4	98.3
Oct-05	220	116	7.3	3.1	97.4
Nov-05	220	135	7.3	2.3	98.0
Dec-05	170	116	6.7	2.6	97.9
Jan-06	160	102	3.3	2.1	97.9
Feb-06	130	98	2.7	2.1	97.9
Mar-06	190	145	7.5	3.6	97.5
Apr-06	200	154	9.5	6.4	95.9
May-06	270	140	10.0	4.9	96.5
Jun-06	220	129	14.0	7.0	95.0
AVERAGE	**221**	**144**	**8.6**	**3.9**	**97.3**

TSS MASS					
MONTH	TSS INFLUENT		TSS EFFLUENT		TSS
	30 DAY AVG.	DAY. MAX.	30 DAY AVG.	DAY. MAX.	REMOVAL
	LBS/D	LBS/D	LBS/D	LBS/D	%
Jul-05	6,478	8,000	150	278	97.7%
Aug-05	6,006	8,557	257	642	95.7%
Sep-05	6,069	6,966	290	853	95.2%
Oct-05	5,708	7,259	236	530	95.9%
Nov-05	8,740	13,963	148	463	98.3%
Dec-05	7,368	10,262	165	450	97.8%
Jan-06	7,155	10,435	150	255	97.9%
Feb-06	6,404	8,421	140	200	97.8%
Mar-06	6,591	8,319	160	320	97.6%
Apr-06	6,500	8,874	271	410	95.8%
May-06	7,848	12,143	305	708	96.1%
Jun-06	8,491	12,697	476	1,329	94.4%
AVERAGE	**6,946**	**9,658**	**229**	**536**	**96.7%**

	HEADWORKS LOADING AS A PERCENTAGE OF PLANT DESIGN	
PLANT DESIGN 21893	**31.73%**	**44.11%**
MASS AVAILABLE	**14,947**	**12,235**

Date	AVE. FLOW (mgd)	TSS influent	mg/l primary effl	sec eff	BAF eff	effluent	REMOVAL
	MGD	mg/l	mg/l	mg/l	mg/l	mg/l	%
8/16/05	5.79	220	97	3.3	3.0	3.3	99%
11/15/05	5.69	94	54	2	2	2	98%
2/3/06	6.12	140	50	2	2	2	99%
5/10/06	5.24	160	64	7	3.0	7	96%
AVERAGE	**5.71**	**154**	**66**	**4**	**3**	**4**	**98%**

TABLE 6-3
SUMMARY OF LOCAL LIMITS SAMPLING FOR OIL AND GREASE

O&G REMOVAL

BLUE INDICATES LESS THAN DETECTION LIMIT

DATE	AVE.FLOW (mgd)	influent mg/l	primary effl mg/l	removal %	sec eff mg/l	removal %	BAF eff. mg/l	removal %	effluent mg/l	removal %	Total Removal	Domestic mg/l	influent LBS/D	primary effl LBS/D	sec eff LBS/D	BAF eff. LBS/D	effluent LBS/D
2/28/02	4.62	25	18	28					0.8		97	13.6	952				
6/18/02	5.43	23	24	-4	0.5	98			0.5		98		1,042	1,087	23		23
9/29/02	4.31	32	29	9	0.7	98			0.5	29	98		1,150	1,042	25		18
11/7/02	4.84	19	32	-68	0.9	97			1.6	-78	92	25.0	767	1,292	36		65
3/11/03	7.14	10	23	-130	3.0	87			0.7	77	93		595	1,370	179		42
5/20/03	6.12	26	17	35	0.5	97			1.7	-240	93		1,327	868	26		87
8/20/03	5.75	21	12	43	0.5	96			2.8	-460	87	22.0	1,007	575	24		134
11/4/03	6.28	14	14	0	0.5	96			1.9	-280	86		733	733	26		100
2/25/04	5.04	22	20	9	3.8	81			0.1	98	100		925	841	160		3
5/19/04	5.96	18	15	17	2.6	83			2.3	12	87		895	746	129		114
8/25/04	4.82	20	19	5	1.0	95			0.5	50	98	17.0	804	764	40		20
10/27/04	5.44	21	15	29	1.0	93			1.4	-40	93		953	681	45		64
2/16/05	9.71	13	8	35	0.6	93	1.4	-133	1.4	0	89		1,053	680	49	113	113
5/18/05	6.13	26	8	70	1.4	82	5.5	-293	1.1	80	96		1,329	394	72	281	56
8/16/05	5.79	14	7	51	0.6	91	0.5	17	0.5		96	11.0	676	328	29	24	24
11/15/05	5.69	14	6	61	0.5	91	0.5		0.7	-40	95		664	261	24	24	33
2/3/06	6.12	12	10	17	1.7	83	0.5	71	0.6	-20	95		612	510	87	26	31
5/10/06	5.24	36	21	42	2.6	88	2	23	2	0	94		1,573	918	114	87	87
AVE '05-'06	**5.71**	**19**	**11**	**43**	**1**	**88**	**1**	**37**	**1**	**-20**	**95**	**11**	**882**	**504**	**63**	**40**	**44**
AVE '02-05	**5.83**	**21**	**18**	**6**	**1**	**92**	**3**	**-213**	**1**	**-63**	**93**	**19**	**967**	**852**	**64**	**197**	**64**

TABLE 6-4
SUMMARY OF LOCAL LIMITS SAMPLING FOR TPH

TPH REMOVAL

BLUE INDICATES LESS THAN DETECTION LIMIT

DATE	AVE.FLOV (mgd)	influent mg/l	primary effl mg/l	removal %	sec eff mg/l	removal %	BAF eff. mg/l	removal %	effluent mg/l	removal %	Total Removal	Domestic mg/l	influent LBS/D	primary effl LBS/D	sec eff LBS/D	BAF eff. LBS/D	effluent LBS/D
2/28/02	4.62	2.2	1.3	41					0.80		64	1.8	85	50			31
6/18/02	5.43	3.5	3.9	-11	0.5	87			0.5		86		159	177	23		23
9/29/02	4.31	2.6	1.4	46	0.5	64			0.5		81		93	50	18		18
11/7/02	4.84	4.7	4.3	9	0.5	88			0.5		89	2.2	190	174	20		20
3/11/03	7.14	0.5	0.5		0.5				0.5				30	30	30		30
5/20/03	6.12	0.5	0.5		0.5				0.5				26	26	26		26
8/20/03	5.75	5.5	3.6	35	0.5	86			0.5		91	2.2	264	173	24		24
11/4/03	6.28	2.9	2.1	28	0.5	76			0.5		83		152	110	26		26
2/25/04	5.04	2.4	2.8	-17	0.5	82			0.5		79		101	118	21		21
5/19/04	5.96	2.5	2.5	0	0.5	80			0.5		80		124	124	25		25
8/25/04	4.82	9.2	7.9	14	0.5	94			0.5		95		370	318	20		20
10/27/04	5.44	2.1	1.6	24	0.5	69			0.5		76		95	73	23		23
2/16/05	9.71	1.8	0.5		0.5		0.5		0.5		72		146	40	40	40	40
5/18/05	6.13	0.5	0.5		0.5		2.0		0.5				26	26	26	102	26
8/16/05	5.79	0.5	3.6		0.5	86	0.5		0.5			0.5	24	174	24	24	24
11/15/05	5.69	0.5	0.5		0.5		0.5		0.5				24	24	24	24	24
2/3/06	6.12	2.3	0.5	78	0.8		0.5		1.1		52		117	26	41	26	56
5/10/06	5.24	5.5	6.7	-22	2.0	70	2.0		2.0		64		240	293	87	87	87
AVE '05-'06	**5.71**	**2.2**	**2.8**	**28**	**1.0**	**78**	**0.9**		**1.0**		**58**	**1**	**101**	**129**	**44**	**40**	**48**
AVE '02-05	**5.83**	**2.9**	**2.4**	**17**	**0.5**	**81**	**1.3**		**0.5**		**81**	**2**	**133**	**106**	**25**	**71**	**25**

TABLE 6-5
SUMMARY OF LOCAL LIMITS SAMPLING FOR PHENOL

PHENOL REMOVALS

BLUE INDICATES LESS THAN DETECTION LIMIT

DATE	AVE.FLOW (mgd)	influent mg/l	primary effl mg/l	removal %	sec eff mg/l	removal %	BAF eff. mg/l	removal %	effluent mg/l	removal %	Total Removal	Domestic mg/l	influent LBS/D	primary effl LBS/D	sec eff LBS/D	BAF eff. LBS/D	effluent LBS/D
2/28/02	4.62	0.01	0.05	-400	0.01	80			0.01				0.39	1.93			0.39
6/18/02	5.43	0.04	0.03	25	0.01	67			0.01		75		1.81	1.36	0.45		0.45
9/29/02	4.31																
11/7/02	4.84	0.04	0.04	0	0.01	75			0.01		75		1.61	1.61	0.40		0.40
3/11/03	7.14	0.03	0.04	-33	0.02	50			0.01	50	67		1.79	2.38	1.19		0.60
5/20/03	6.12	0.04	0.04	0	0.01	75			0.01		75		2.04	2.04	0.51		0.51
8/20/03	5.75	0.03	0.02	33	0.01	50			0.01		67		1.44	0.96	0.48		0.48
11/4/03	6.28	0.04	0.03	25	0.01	67			0.01		75		2.10	1.57	0.52		0.52
2/25/04	5.04	0.03	0.03	0	0.01	67			0.01		67		1.26	1.26	0.42		0.42
5/19/04	5.96	0.02	0.02	0	0.01	50			0.01		50		0.99	0.99	0.50		0.50
8/25/04	4.82	0.03	0.03	0	0.01	67			0.01		67		1.21	1.21	0.40		0.40
10/27/04	5.44	0.03	0.03	0	0.01	67			0.01		67		1.36	1.36	0.45		0.45
2/16/05	9.71	0.02	0.02	0	0.01	50	0.01		0.01		50		1.62	1.62	0.81	0.81	0.81
5/18/05	6.13	0.04	0.03	25	0.01	67	0.01		0.01		75		2.04	1.53	0.51	0.51	0.51
8/16/05	5.79	0.04	0.03	25	0.01	67	0.01		0.01		75		1.93	1.45	0.48	0.48	0.48
11/15/05	5.69	0.04	0.04	0	0.01	75	0.01		0.01		75		1.90	1.90	0.47	0.47	0.47
2/3/06	6.12	0.02	0.02	0	0.01	50	0.01		0.01		50		1.02	1.02	0.51	0.51	0.51
5/10/06	5.24	0.20	0.19	5	0.03	84	0.03		0.03		85		8.74	8.30	1.31	1.31	1.31
AVE '05-'06	**5.79**	**0**	**0**	**11**	**0.01**	**69**	**0.01**		**0.01**		**72**		**3.13**	**2.84**	**0.66**	**0.66**	**0.66**
AVE '02-05	**5.80**	**0**	**0**	**-29**	**0.01**	**64**	**0.01**		**0.01**	**50**	**67**		**1.47**	**1.52**	**0.56**	**0.81**	**0.49**

TABLE 6-6
SUMMARY OF LOCAL LIMITS SAMPLING FOR ARSENIC

ARSENIC REMOVALS

BLUE INDICATES LESS THAN DETECTION LIMIT

DATE	AVE.FLOW (mgd)	influent mg/l	primary effl mg/l	removal %	sec eff mg/l	removal %	BAF eff. mg/l	removal %	effluent mg/l	removal %	Total Removal	Domestic mg/l	influent LBS/D	primary effl LBS/D	sec eff LBS/D	BAF eff. LBS/D	effluent LBS/D
2/28/02	4.62	5	5		5				5			5					
6/18/02	5.43	5	5		5				5				0.23	0.23	0.23		0.23
9/29/02	4.31	5	5		5				5				0.18	0.18	0.18		0.18
11/7/02	4.84	5	5		5				5			5	0.20	0.20	0.20		0.20
3/11/03	7.14	5	5		5				5				0.30	0.30	0.30		0.30
5/20/03	6.12	5	5		5				5				0.26	0.26	0.26		0.26
8/20/03	5.75	5	5		5				5			5	0.24	0.24	0.24		0.24
11/4/03	6.28	5	5		5				5				0.26	0.26	0.26		0.26
2/25/04	5.04	5	5		5				5				0.21	0.21	0.21		0.21
5/19/04	5.96	5	5		5				5				0.25	0.25	0.25		0.25
8/25/04	4.82	5	5		5				5			5	0.20	0.20	0.20		0.20
10/27/04	5.44	5	5		5				5				0.23	0.23	0.23		0.23
2/16/05	9.71	5	5		5		5		5				0.40	0.40	0.40	0.40	0.40
5/18/05	6.13	5	5		5		5		5				0.26	0.26	0.26	0.26	0.26
8/16/05	5.79	5	5		5		5		5			5	0.24	0.24	0.24	0.24	0.24
11/15/05	5.69	5	5		5		5		5				0.24	0.24	0.24	0.24	0.24
2/3/06	6.12	5	5		5		5		5				0.26	0.26	0.26	0.26	0.26
5/10/06	5.24	5	5		5		5		5				0.22	0.22	0.22	0.22	0.22
AVE '05-'06	**5.71**	**5**	**5**		**5**		**5**		**5**			**5**	**0.24**	**0.24**	**0.24**	**0.24**	**0.24**
AVE '02-05	**5.83**	**5**	**5**		**5**		**5**		**5**			**5**	**0.25**	**0.25**	**0.25**	**0.33**	**0.25**

TABLE 6-7
SUMMARY OF LOCAL LIMITS SAMPLING FOR CADMIUM

CADMIUM REMOVALS

BLUE INDICATES LESS THAN DETECTION LIMIT

DATE	AVE.FLOW (mgd)	influent mg/l	primary effl mg/l	removal %	sec eff mg/l	removal %	BAF eff. mg/l	removal %	effluent mg/l	removal %	Total Removal	Domestic mg/l	influent LBS/D	primary effl LBS/D	sec eff LBS/D	BAF eff. LBS/D	effluent LBS/D
2/28/02	4.62	0.5	1.4						0.5			2.4					
6/18/02	5.43	0.5	0.5		0.5				0.5				0.02	0.02	0.02		0.02
9/29/02	4.31	2	0.5	75	0.5				0.5		75		0.07	0.02	0.02		0.02
11/7/02	4.84	0.5	0.5		0.5				0.5			0.5	0.02	0.02	0.02		0.02
3/11/03	7.14	0.5	0.5		0.5				0.5				0.03	0.03	0.03		0.03
5/20/03	6.12	0.5	0.5		0.5				0.5				0.03	0.03	0.03		0.03
8/20/03	5.75	0.5	0.5		0.5				0.5			0.5	0.02	0.02	0.02		0.02
11/4/03	6.28	0.5	0.5		1.4				2.7				0.03	0.03	0.07		0.14
2/25/04	5.04	0.5	0.5		0.5				0.5				0.02	0.02	0.02		0.02
5/19/04	5.96	0.5	0.5		0.5				0.5				0.02	0.02	0.02		0.02
8/25/04	4.82	0.5	0.5		0.5				0.5			0.5	0.02	0.02	0.02		0.02
10/27/04	5.44	0.5	0.5		0.5				0.5				0.02	0.02	0.02		0.02
2/16/05	9.71	0.5	0.5		0.5		0.5		0.5				0.04	0.04	0.04	0.04	0.04
5/18/05	6.13	0.5	0.5		0.5		0.5		0.5				0.03	0.03	0.03	0.03	0.03
8/16/05	5.79	0.51	0.5	2	0.5		0.5		1.1		-116	0.5	0.02	0.02	0.02	0.02	0.05
11/15/05	5.69	0.52	0.5	4	0.5		0.5		0.5		4		0.02	0.02	0.02	0.02	0.02
2/3/06	6.12	0.5	0.5		0.5		0.5		0.5		0		0.03	0.03	0.03	0.03	0.03
5/10/06	5.24	5	4.4	12	1	77	1		1		80		0.22	0.19	0.04	0.04	0.04
AVE '05-'06	**5.71**	**1.6**	**1.5**	**6**	**0.6**	**77**	**0.6**		**0.8**		**-8**	**0.5**	**0.07**	**0.07**	**0.03**	**0.03**	**0.04**
AVE '02-05	**5.83**	**0.6**	**0.6**	**75**	**0.6**		**0.5**		**0.7**		**75**	**1.0**	**0.03**	**0.02**	**0.03**	**0.03**	**0.03**

TABLE 6-8
SUMMARY OF LOCAL LIMITS SAMPLING FOR CYANIDE

CYANIDE REMOVALS

BLUE INDICATES LESS THAN DETECTION LIMIT

DATE	AVE.FLOV (mgd)	influent mg/l	primary effl mg/l	removal %	sec eff mg/l	removal %	BAF eff. mg/l	removal %	effluent mg/l	removal %	Total Removal	Domestic mg/l	influent LBS/D	primary effl LBS/D	sec eff LBS/D	BAF eff. LBS/D	effluent LBS/D
2/28/02	4.62	10	10						10			10	0.39	0.39			0.39
6/18/02	5.43	10	10		10				10				0.45	0.45	0.45		0.45
9/29/02	4.31	10	10		10				10				0.36	0.36	0.36		0.36
11/7/02	4.84	10	10		10				10			10	0.40	0.40	0.40		0.40
3/11/03	7.14	10	10		10				10				0.60	0.60	0.60		0.60
5/20/03	6.12	10	10		10				10				0.51	0.51	0.51		0.51
8/20/03	5.75	10	10		10				10			10	0.48	0.48	0.48		0.48
11/4/03	6.28	10	10		10				10				0.52	0.52	0.52		0.52
2/25/04	5.04	10	10		10				10				0.42	0.42	0.42		0.42
5/19/04	5.96	10	10		10				10				0.50	0.50	0.50		0.50
8/25/04	4.82	10	10		10				10			10	0.40	0.40	0.40		0.40
10/27/04	5.44	10	10		10				10				0.45	0.45	0.45		0.45
2/16/05	9.71	10	10		10		10		10				0.81	0.81	0.81	0.81	0.81
5/18/05	6.13	10	10		10		10		10				0.51	0.51	0.51	0.51	0.51
8/16/05	5.79	10	10		10		10		10				0.48	0.48	0.48	0.48	0.48
11/15/05	5.69	10	10		10		10		10				0.47	0.47	0.47	0.47	0.47
2/3/06	6.12	10	10		10		10		10			10	0.51	0.51	0.51	0.51	0.51
5/10/06	5.24	10	10		10		10		10				0.44	0.44	0.44	0.44	0.44
AVE '05-'06	**5.71**	**10**	**10**		**10**		**10**		**10**			**10**	**0.48**	**0.48**	**0.48**	**0.48**	**0.48**
AVE '02-05	**5.83**	**10**	**10**		**10**		**10**		**10**			**10**	**0.49**	**0.49**	**0.49**	**0.66**	**0.49**

TABLE 6-9
SUMMARY OF LOCAL LIMITS SAMPLING FOR CHROMIUM

CHROMIUM REMOVALS

BLUE INDICATES LESS THAN DETECTION LIMIT

DATE	AVE.FLOW (mgd)	influent mg/l	primary effl mg/l	removal %	sec eff mg/l	removal %	BAF eff. mg/l	removal %	effluent mg/l	removal %	Total Removal	Domestic mg/l	influent LBS/D	primary effl LBS/D	sec eff LBS/D	BAF eff. LBS/D	effluent LBS/D
2/28/02	4.62	11.00	12.00	-9					2		82	3.9					
6/18/02	5.43	6.70	5.90	12	2	66			2		70		0.30	0.27	0.09		0.09
9/29/02	4.31	2.00	2.60	-30	2	23			2				0.07	0.09	0.07		0.07
11/7/02	4.84	2.20	2	9	2				2		9	2	0.09	0.08	0.08		0.08
3/11/03	7.14	4.80	5.60	-17	2	64			2		58		0.29	0.33	0.12		0.12
5/20/03	6.12	6.90	6.50	6	2	69			2		71		0.35	0.33	0.10		0.10
8/20/03	5.75	5.70	4.90	14	2	59			2		65		0.27	0.23	0.10		0.10
11/4/03	6.28	4.80	4.40	8	2	55			2		58	3.0	0.25	0.23	0.10		0.10
2/25/04	5.04	3.60	3.30	8	2	39			2		44		0.15	0.14	0.08		0.08
5/19/04	5.96	6.50	5.70	12	2.0	65			2.4		63		0.32	0.28	0.10		0.12
8/25/04	4.82	5.10	4.10	20	2	51			2		61	2	0.21	0.16	0.08		0.08
10/27/04	5.44	4.60	5.80	-26	2	66			2		57		0.21	0.26	0.09		0.09
2/16/05	9.71	2.20	2	9	2		2		2		9		0.18	0.16	0.16	0.16	0.16
5/18/05	6.13	3.00	2	33	2		2		2		33		0.15	0.10	0.10	0.10	0.10
8/16/05	5.79	8.00	2	75	2		2		2		75	2	0.39	0.10	0.10	0.10	0.10
11/15/05	5.69	3.30	2.60	21	2	23	2		2		39		0.16	0.12	0.09	0.09	0.09
2/3/06	6.12	5.70	4.70	18	2	57	2		2		65		0.29	0.24	0.10	0.10	0.10
5/10/06	5.24	8.00	4.10	49	1.0	76	1		1		88		0.35	0.18	0.04	0.04	0.04
AVE '05-'06	**5.71**	**6**	**3**	**41**	**2**	**52**	**2**		**2**		**67**	**2**	**0.30**	**0.16**	**0.08**	**0.08**	**0.08**
AVE '02-05	**5.83**	**5**	**5**	**4**	**2**	**56**	**2**		**2**		**52**	**3**	**0.22**	**0.21**	**0.10**	**0.13**	**0.10**

TABLE 6-10
SUMMARY OF LOCAL LIMITS SAMPLING FOR COPPER

COPPER REMOVALS

BLUE INDICATES LESS THAN DETECTION LIMIT

DATE	AVE.FLOW (mgd)	influent mg/l	primary effl mg/l	removal %	sec eff mg/l	removal %	BAF eff. mg/l	removal %	effluent mg/l	removal %	Total Removal	Domestic mg/l	influent LBS/D	primary effl LBS/D	sec eff LBS/D	BAF eff. LBS/D	effluent LBS/D
2/28/02	4.62	24	28	-17					6.0		75	83	0.92	1.08			0.23
6/18/02	5.43	24	17	29	5.2	69			8.1	-56	66		1.09	0.77	0.24		0.37
9/29/02	4.31	26	23	12	3.9	83			4.2	-8	84		0.93	0.83	0.14		0.15
11/7/02	4.84	33	23	30	6.3	73			10.0	-59	70	21	1.33	0.93	0.25		0.40
3/11/03	7.14	24	15	38	5.4	64			4.1	24	83		1.43	0.89	0.32		0.24
5/20/03	6.12	28	19	32	7.1	63			7.6	-7	73		1.43	0.97	0.36		0.39
8/20/03	5.75	31	18	42	3.9	78			4.8	-23	85	22	1.49	0.86	0.19		0.23
11/4/03	6.28	16	17	-6	3.8	78			3.8	0	76		0.84	0.89	0.20		0.20
2/25/04	5.04	22	21	5	10.0	52			11.0	-10	50		0.92	0.88	0.42		0.46
5/19/04	5.96	28	22	21	14.0	36			16.0	-14	43		1.39	1.09	0.70		0.80
8/25/04	4.82	30	24	20	7.1	70			6.6	7	78	30	1.21	0.96	0.29		0.27
10/27/04	5.44	28	25	11	5.9	76			5.1	14	82		1.27	1.13	0.27		0.23
2/16/05	9.71	13	12	8	4.4	63	6.6	-50	6.0	9	54		1.05	0.97	0.36	0.53	0.49
5/18/05	6.13	17	11	35	3.4	69	3.1	9	3.2	-3	81		0.87	0.56	0.17	0.16	0.16
8/16/05	5.79	44	23	48	4.0	83	8.0	-100	2.6	68	94	30	2.12	1.11	0.19	0.39	0.13
11/15/05	5.69	38	12	68	4.6	62	4.2	9	3.0	29	92		1.80	0.57	0.22	0.20	0.14
2/3/06	6.12	20	13	35	4.3	67	3.5	19	3.5	0	83		1.02	0.66	0.22	0.18	0.18
5/10/06	5.24	34	19	44	6.0	68	3.4	43	3.6	-6	89		1.49	0.83	0.26	0.15	0.16
AVE '05-'06	**5.71**	**34**	**17**	**49**	**5**	**70**	**5**	**-7**	**3**	**23**	**90**	**30**	**1.61**	**0.79**	**0.22**	**0.23**	**0.15**
AVE '02-05	**5.83**	**25**	**20**	**19**	**6**	**67**	**5**	**-21**	**7**	**-10**	**71**	**39**	**1.16**	**0.92**	**0.30**	**0.35**	**0.33**

TABLE 6-11
SUMMARY OF LOCAL LIMITS SAMPLING FOR IRON

IRON REMOVAL

BLUE INDICATES LESS THAN DETECTION LIMIT

DATE	AVE.FLOW (mgd)	influent mg/l	primary effl mg/l	removal %	sec eff mg/l	removal %	BAF eff. mg/l	removal %	effluent mg/l	removal %	Total Removal	Domestic mg/l	influent LBS/D	primary effl LBS/D	sec eff LBS/D	BAF eff. LBS/D	effluent LBS/D
2/28/02	4.62	580	730	-26					70		88	1500	22.3	28.1			2.7
6/18/02	5.43	840	760	10	80	89			70	13	92		38.0	34.4	3.6		3.2
9/29/02	4.31	660	750	-14	100	87			99	1	85		23.7	27.0	3.6		3.6
11/7/02	4.84	640	800	-25	190	76			190	0	70	710	25.8	32.3	7.7		7.7
3/11/03	7.14	520	770	-48	340	56			150	56	71		31.0	45.9	20.2		8.9
5/20/03	6.12	710	870	-23	150	83			110	27	85		36.2	44.4	7.7		5.6
8/20/03	5.75	780	1000	-28	120	88			130	-8	83		37.4	48.0	5.8		6.2
11/4/03	6.28	580	720	-24	92	87			96	-4	83	1105	30.4	37.7	4.8		5.0
2/25/04	5.04	550	540	2	100	81			110	-10	80		23.1	22.7	4.2		4.6
5/19/04	5.96	520	720	-38	170	76			210	-24	60		25.8	35.8	8.5		10.4
8/25/04	4.82	580	600	-3	81	87			90	-11	84	1300	23.3	24.1	3.3		3.6
10/27/04	5.44	450	440	2	52	88			50	4	89		20.4	20.0	2.4		2.3
2/16/05	9.71	720	390	46	80	79	61	24	57	7	92		58.3	31.6	6.5	4.9	4.6
5/18/05	6.13	740	840	-14	180	79	420	-133	160	62	78		37.8	42.9	9.2	21.5	8.2
8/16/05	5.79	1500	380	75	65	83	90	-38	160	-78	89	2800	72.4	18.3	3.1	4.3	7.7
11/15/05	5.69	1000	350	65	130	63	71	45	60	15	94		47.5	16.6	6.2	3.4	2.8
2/3/06	6.12	570	400	30	140	65	94	33	75	20	87		29.1	20.4	7.1	4.8	3.8
5/10/06	5.24	860	360	58	170	53	51	70	170	-233	80		37.6	15.7	7.4	2.2	7.4
AVE '05-'06	5.71	983	373	57	126	66	77	27	116	-69	88	2,800	46.6	17.8	6.0	3.7	5.5
AVE '02-05	5.83	634	709	-13	133	81	241	-55	114	9	81	1,154	31.0	33.9	6.7	13.2	5.5

TABLE 6-12A
SUMMARY OF LOCAL LIMITS SAMPLING FOR LEAD

LEAD REMOVALS

BLUE INDICATES LESS THAN DETECTION LIMIT

DATE	AVE.FLOW (mgd)	influent mg/l	primary effl mg/l	removal %	sec eff mg/l	removal %	BAF eff. mg/l	removal %	effluent mg/l	removal %	Total Removal	Domestic mg/l	influent LBS/D	primary effl LBS/D	sec eff LBS/D	BAF eff. LBS/D	effluent LBS/D
2/28/02	4.62	2	2						2			6.6	0.08	0.03			0.08
6/18/02	5.43	5.6	2.2	61	2	9			2		64		0.25	0.10	0.09		0.09
9/29/02	4.31	4.3	3.4	21	2	41			2		53		0.15	0.12	0.07		0.07
11/7/02	4.84	2.9	2	31	2				2		31	4.1	0.12	0.08	0.08		0.08
3/11/03	7.14	3.2	2.6	19	2	23			2		38		0.19	0.15	0.12		0.12
5/20/03	6.12	4.1	2.5	39	2	20			2		51		0.21	0.13	0.10		0.10
8/20/03	5.75	4.6	6.1	-33	2	67			2		57		0.22	0.29	0.10		0.10
11/4/03	6.28	3.1	2.6	16	2	23			2		35	5.35	0.16	0.14	0.10		0.10
2/25/04	5.04	2.8	2	29	2				2		29		0.12	0.08	0.08		0.08
5/19/04	5.96	3	2	33	2				2		33		0.15	0.10	0.10		0.10
8/25/04	4.82	3.6	2.9	19	2				2		44	4.3	0.14	0.12	0.08		0.08
10/27/04	5.44	2	18		2	89			2				0.09	0.82	0.09		0.09
2/16/05	9.71	3.0	2.4	20	2		2		2		33		0.24	0.19	0.16	0.16	0.16
5/18/05	6.13	2.5	2	20	2		2		2		20		0.13	0.10	0.10	0.10	0.10
8/16/05	5.79	8.1	2.6	68	2	23	2		2		75	2	0.39	0.13	0.10	0.10	0.10
11/15/05	5.69	5.5	2	64	2		2		2		64		0.26	0.09	0.09	0.09	0.09
2/3/06	6.12	3.9	2	49	2		2		2		49		0.20	0.10	0.10	0.10	0.10
5/10/06	5.24	5.8	4.1	29	1.0	76	2.9		2.9		50		0.25	0.18	0.04	0.13	0.13
AVE '05-'06	**5.71**	**5.8**	**2.7**	**52**	**1.8**	**49**	**2.2**		**2.2**		**59**	**2.0**	**0.28**	**0.13**	**0.08**	**0.11**	**0.11**
AVE '02-05	**5.83**	**3.3**	**3.8**	**23**	**2.0**	**39**	**2.0**		**2.0**		**41**	**5.1**	**0.16**	**0.18**	**0.10**	**0.13**	**0.10**

TABLE 6-12B

TOWN OF WEST WARWICK
WATER POLLUTION CONTROL FACILITY
SUMMARY OF LEAD LOADING AND REMOVAL

LEAD CONCENTRATION						
MONTH/YEAR	FLOW	Total Lead (µg/L) Mo. Avg.	Total Lead (µg/L) Day Max.	Total Lead (µg/L) Mo. Avg.	Total Lead (µg/L) Day Max.	LEAD REMOVAL
	MGD	mg/l	mg/l	mg/l	mg/l	%
Jul-05	4.1	5.9	8.0	2	2	66%
Aug-05	4.0	7.1	12.0	2	2	72%
Sep-05	4.3	3.4	5.1	2	2	41%
Oct-05	8.6	5.2	7.6	2	2	62%
Nov-05	7.8	3.7	5.1	2	2	46%
Dec-05	7.8	3.0	3.6	2	2	33%
Jan-06	8.5	3.0	3.7	2	2.2	33%
Feb-06	8.0	2.5	3.0	2	2	20%
Mar-06	5.5	5.2	9.0	2	2	62%
Apr-06	5.1	4.0	6.3	2	2	50%
May-06	7.2	3.8	6.3	2	2.9	47%
Jun-06	8.1	3.9	5.3	2	2	49%
AVERAGE	6.6	4.2	6.3	2	2.1	48%

LEAD MASS					
MONTH/YEAR	Total Lead (lb/day) Mo. Avg.	Total Lead (lb/day) Day Max.	Total Lead (lb/day) Mo. Avg.	Total Lead (lb/day) Day Max.	LEAD REMOVAL
	LBS/D	LBS/D	LBS/D	LBS/D	%
Jul-05	0.202	0.274	0.068	0.068	66%
Aug-05	0.237	0.400	0.067	0.067	72%
Sep-05	0.122	0.183	0.072	0.072	41%
Oct-05	0.373	0.545	0.143	0.143	62%
Nov-05	0.241	0.332	0.130	0.130	46%
Dec-05	0.195	0.234	0.130	0.130	33%
Jan-06	0.213	0.262	0.142	0.156	33%
Feb-06	0.167	0.200	0.133	0.133	20%
Mar-06	0.239	0.413	0.092	0.092	62%
Apr-06	0.170	0.268	0.085	0.085	50%
May-06	0.228	0.378	0.120	0.174	47%
Jun-06	0.263	0.358	0.135	0.135	49%
AVERAGE	0.22	0.32	0.11	0.12	48%

Date	AVE. FLOW (mgd)	Lead influent	primary effl	secondary effl	BAF eff	µg/l effluent	LEAD % REMOVAL	DOMESTIC
	MGD	mg/l	mg/l	mg/l	mg/l	mg/l	%	
16-Aug-05	5.79	8.1	2.6	2	2	2	75%	2
15-Nov-05	5.69	5.5	2	2	2	2	64%	
3-Feb-06	6.12	3.9	2	2	2	2	49%	
10-May-06	5.24	5.8	4.1	1.0	2.9	2.9	50%	
AVERAGE	5.71	5.8	2.7	1.75	2.2	2.225	59%	2

Date	INFLUENT	PRIMARY	SECONDARY	BAF eff	EFFLUENT	LEAD
	LBS/D	LBS/D	LBS/D	LBS/D	LBS/D	% REMOVAL
16-Aug-05	0.391	0.126	0.097	0.097	0.097	75%
15-Nov-05	0.261	0.095	0.095	0.095	0.095	64%
3-Feb-06	0.199	0.102	0.102	0.102	0.102	49%
10-May-06	0.253	0.179	0.044	0.127	0.127	83%
Average	0.276	0.125	0.084	0.105	0.105	68%

TABLE 6-13
SUMMARY OF LOCAL LIMITS SAMPLING FOR MERCURY

MERCURY REMOVALS

BLUE INDICATES LESS THAN DETECTION LIMIT

DATE	AVE.FLOW (mgd)	influent mg/l	primary effl mg/l	removal %	sec eff mg/l	removal %	BAF eff. mg/l	removal %	effluent mg/l	removal %	Total Removal	Domestic mg/l	influent LBS/D	primary effl LBS/D	sec eff LBS/D	BAF eff. LBS/D	effluent LBS/D
2/28/02	4.62	0.5	0.5		0.5				0.5			0.5					
6/18/02	5.43	0.5	0.5		0.5				0.5				0.02	0.02	0.02		0.02
9/29/02	4.31	0.5	0.5		0.5				0.5				0.02	0.02	0.02		0.02
11/7/02	4.84	0.5	0.5		0.5				0.5			0.5	0.02	0.02	0.02		0.02
3/11/03	7.14	0.5	0.5		0.5				0.5				0.03	0.03	0.03		0.03
5/20/03	6.12	0.5	0.5		0.5				0.5				0.03	0.03	0.03		0.03
8/20/03	5.75	0.5	0.5		0.5				0.5			0.5	0.02	0.02	0.02		0.02
11/4/03	6.28	0.5	0.5		0.5				0.5				0.03	0.03	0.03		0.03
2/25/04	5.04	0.5	0.5		0.5				0.5				0.02	0.02	0.02		0.02
5/19/04	5.96	0.5	0.5		0.5				0.5				0.02	0.02	0.02		0.02
8/25/04	4.82	0.5	0.5		0.5				0.5			0.5	0.02	0.02	0.02		0.02
10/27/04	5.44	0.5	0.5		0.5				0.5				0.02	0.02	0.02		0.02
2/16/05	9.71	0.5	0.5		0.5		0.5		0.5				0.04	0.04	0.04	0.04	0.04
5/18/05	6.13	0.5	0.5		0.5		0.5		0.5				0.03	0.03	0.03	0.03	0.03
8/16/05	5.79	0.5	0.5		0.5		0.5		0.5			0.5	0.02	0.02	0.02	0.02	0.02
11/15/05	5.69	0.5	0.5		0.5		0.5		0.5				0.02	0.02	0.02	0.02	0.02
2/3/06	6.12	0.5	0.5		0.5		0.5		0.5				0.03	0.03	0.03	0.03	0.03
5/10/06	5.24	0.2	0.2		0.2		0.2		0.2				0.01	0.01	0.01	0.01	0.01
AVE '05-'06	**5.71**	**0.4**	**0.4**		**0.4**		**0.4**		**0.4**			**0.5**	**0.02**	**0.02**	**0.02**	**0.02**	**0.02**
AVE '02-05	**5.83**	**0.5**	**0.5**		**0.5**		**0.5**		**0.5**			**0.5**	**0.02**	**0.02**	**0.02**	**0.03**	**0.02**

TABLE 6-14
SUMMARY OF LOCAL LIMITS SAMPLING FOR NICKEL

NICKEL REMOVALS

BLUE INDICATES LESS THAN DETECTION LIMIT

DATE	AVE.FLOW (mgd)	influent mg/l	primary effl mg/l	removal %	sec eff mg/l	removal %	BAF eff. mg/l	removal %	effluent mg/l	removal %	Total Removal	Domestic mg/l	influent LBS/D	primary effl LBS/D	sec eff LBS/D	BAF eff. LBS/D	effluent LBS/D
2/28/02	4.62	20	20		20				20			20					
6/18/02	5.43	20	20		20				20				0.91	0.91	0.91		0.91
9/29/02	4.31	20	20		20				20				0.72	0.72	0.72		0.72
11/7/02	4.84	20	20		20				20			20	0.81	0.81	0.81		0.81
3/11/03	7.14	20	20		20				20				1.19	1.19	1.19		1.19
5/20/03	6.12	20	20		20				20				1.02	1.02	1.02		1.02
8/20/03	5.75	20	20		20				20			20	0.96	0.96	0.96		0.96
11/4/03	6.28	20	20		20				20				1.05	1.05	1.05		1.05
2/25/04	5.04	20	20		20				20				0.84	0.84	0.84		0.84
5/19/04	5.96	20	20		20				20				0.99	0.99	0.99		0.99
8/25/04	4.82	20	20		20				20			20	0.80	0.80	0.80		0.80
10/27/04	5.44	20	20		20				20				0.91	0.91	0.91		0.91
2/16/05	9.71	20	20		20		20		20				1.62	1.62	1.62	1.62	1.62
5/18/05	6.13	20	20		20		20		20				1.02	1.02	1.02	1.02	1.02
8/16/05	5.79	20	20		20		20		20			25	0.97	0.97	0.97	0.97	0.97
11/15/05	5.69	20	20		20		20		20				0.95	0.95	0.95	0.95	0.95
2/3/06	6.12	20	20		20		20		20				1.02	1.02	1.02	1.02	1.02
5/10/06	5.24	1.9	1.6	16	1	38	1		1		47		0.08	0.07	0.04	0.04	0.04
AVE '05-'06	**5.71**	**15**	**15**	**16**	**15**	**38**	**15**		**15**		**47**	**25**	**0.75**	**0.75**	**0.74**	**0.74**	**0.74**
AVE '02-05	**5.83**	**20**	**20**		**20**				**20**			**20**	**0.99**	**0.99**	**0.99**	**1.32**	**0.99**

TABLE 6-15
SUMMARY OF LOCAL LIMITS SAMPLING FOR SILVER

SILVER REMOVALS

BLUE INDICATES LESS THAN DETECTION LIMIT

DATE	AVE.FLOW (mgd)	influent mg/l	primary effl mg/l	removal %	sec eff mg/l	removal %	BAF eff. mg/l	removal %	effluent mg/l	removal %	Total Removal	Domestic mg/l	influent LBS/D	primary effl LBS/D	sec eff LBS/D	BAF eff. LBS/D	effluent LBS/D
2/28/02	4.62	1	1		1				1			1	0.04	0.04	0.04		0.04
6/18/02	5.43	1	1		1				1				0.05	0.05	0.05		0.05
9/29/02	4.31	1	1		1				1				0.04	0.04	0.04		0.04
11/7/02	4.84	1	1		1				1			1	0.04	0.04	0.04		0.04
3/11/03	7.14	1	1		1				1				0.06	0.06	0.06		0.06
5/20/03	6.12	1	1		1				1				0.05	0.05	0.05		0.05
8/20/03	5.75	1	1		1				1			1	0.05	0.05	0.05		0.05
11/4/03	6.28	1	1		1				1				0.05	0.05	0.05		0.05
2/25/04	5.04	1	1		1				1				0.04	0.04	0.04		0.04
5/19/04	5.96	1	1		1				1				0.05	0.05	0.05		0.05
8/25/04	4.82	1	1		1				1			1	0.04	0.04	0.04		0.04
10/27/04	5.44	1	1		1				1				0.05	0.05	0.05		0.05
2/16/05	9.71	1	1		1		1		1				0.08	0.08	0.08	0.08	0.08
5/18/05	6.13	1	1		1		1		1				0.05	0.05	0.05	0.05	0.05
8/16/05	5.79	1	1		1		1		1			1	0.05	0.05	0.05	0.05	0.05
11/15/05	5.69	1	1		1		1		1				0.05	0.05	0.05	0.05	0.05
2/3/06	6.12	1	1		1		1		1				0.05	0.05	0.05	0.05	0.05
5/10/06	5.24	1	1		1		1		1				0.04	0.04	0.04	0.04	0.04
AVE '05-'06	**5.71**	**1**	**1**		**1**		**1**		**1**			**1**	**0.05**	**0.05**	**0.05**	**0.05**	**0.05**
AVE '02-05	**5.83**	**1**	**1**		**1**		**1**		**1**			**1**	**0.05**	**0.05**	**0.05**	**0.07**	**0.05**

TABLE 6-16A
SUMMARY OF LOCAL LIMITS SAMPLING FOR ZINC

ZINC REMOVAL

BLUE INDICATES LESS THAN DETECTION LIMIT

DATE	AVE.FLOW (mgd)	influent mg/l	primary effl mg/l	removal %	sec eff mg/l	removal %	BAF eff. mg/l	removal %	effluent mg/l	removal %	Total Removal	Domestic mg/l	influent LBS/D	primary effl LBS/D	sec eff LBS/D	BAF eff. LBS/D	effluent LBS/D
2/28/02	4.62	56	92	-64					31		45	642	2.2	3.5			1.2
6/18/02	5.43	82	90	-10	37	59			46	-24	44		3.7	4.1	1.7		2.1
9/29/02	4.31	92	70	24	35	50			36	-3	61		3.3	2.5	1.3		1.3
11/7/02	4.84	82	62	24	44	29			56	-27	32	120	3.3	2.5	1.8		2.3
3/11/03	7.14	80	52	35	36	31			32	11	60		4.8	3.1	2.1		1.9
5/20/03	6.12	96	68	29	43	37			45	-5	53		4.9	3.5	2.2		2.3
8/20/03	5.75	110	66	40	57	14			44	23	60	170	5.3	3.2	2.7		2.1
11/4/03	6.28	68	68	0	41	40			42	-2	38		3.6	3.6	2.1		2.2
2/25/04	5.04	77	62	19	53	15			55	-4	29		3.2	2.6	2.2		2.3
5/19/04	5.96	83	72	13	63	13			61	3	27		4.1	3.6	3.1		3.0
8/25/04	4.82	69	67	3	34	49			36	-6	48	180	2.8	2.7	1.4		1.4
10/27/04	5.44	77	70	9	50	29			45	10	42		3.5	3.2	2.3		2.0
2/16/05	9.71	63	58	8	27	53	29	-7	29	0	54		5.1	4.7	2.2	2.3	2.3
5/18/05	6.13	73	55	25	38	31	39	-3	39	0	47		3.7	2.8	1.9	2.0	2.0
8/16/05	5.79	140	75	46	31	59	35	-13	38	-10	73	320	6.8	3.6	1.5	1.7	1.8
11/15/05	5.69	140	52	63	38	27	38	0	40	-5	71		6.6	2.5	1.8	1.8	1.9
2/3/06	6.12	91	71	22	57	20	46	19	49	-5	46		4.6	3.6	2.9	2.3	2.5
5/10/06	5.24	110	56	49	25	55	27	-8	25	8	77		4.8	2.4	1.1	1.2	1.1
AVE '05-'06	5.71	120	64	45	38	40	37	0	38	-3	67	320	5.7	3.0	1.8	1.8	1.8
AVE '02-05	5.83	79	68	11	43	34	34	-5	43	-2	46	278	3.8	3.2	2.1	2.2	2.0

TABLE 6-16B

TOWN OF WEST WARWICK
WATER POLLUTION CONTROL FACILITY

ZINC LOADING AND REMOVAL

MONTH/YEAR	FLOW	Total Zinc (µg/L) Mo. Avg.	Total Zinc (µg/L) Day Max.	Total Zinc(µg/L) Mo. Avg.	Total Zinc(µg/L) Day Max.	ZINC REMOVAL
	MGD	mg/l	mg/l	mg/l	mg/l	%
Jul-05	4.1	183	280	52.0	80.0	72%
Aug-05	4.0	136	180	23.6	45.0	83%
Sep-05	4.3	210	270	27.8	33.0	87%
Oct-05	8.6	108	190	20.5	22.0	81%
Nov-05	7.8	96	210	31.6	42.0	67%
Dec-05	7.8	96	110	40.0	56.0	58%
Jan-06	8.5	105	120	62.2	89.0	41%
Feb-06	8.0	115	210	44.5	46.0	61%
Mar-06	5.5	125	150	43.3	46.0	65%
Apr-06	5.1	100	120	45.5	56.0	55%
May-06	7.2	90	120	22.2	25.0	75%
Jun-06	8.1	75	86	29.3	54.0	61%
AVERAGE	**6.6**	**119.9**	**170.5**	**36.9**	**49.5**	**69%**

MONTH/YEAR	Total Zinc (lb/day) Mo. Avg.	Total Zinc (lb/day) Day Max.	Total Zinc (lb/day) Mo. Avg.	Total Zinc (lb/day) Day Max.	ZINC % REMOVAL
	LBS/D	LBS/D	LBS/D	LBS/D	%
Jul-05	6.240	9.574	1.778	2.736	72%
Aug-05	4.537	6.005	0.787	1.501	83%
Sep-05	7.531	9.683	0.997	1.183	87%
Oct-05	7.710	13.628	1.470	1.578	81%
Nov-05	6.271	13.661	2.056	2.732	67%
Dec-05	6.212	7.156	2.602	3.643	58%
Jan-06	7.443	8.507	4.409	6.309	41%
Feb-06	7.693	14.011	2.969	3.069	61%
Mar-06	5.734	6.881	1.986	2.110	65%
Apr-06	4.253	5.104	1.935	2.382	55%
May-06	5.416	7.206	1.333	1.501	75%
Jun-06	5.087	5.810	1.979	3.648	61%
AVERAGE	**6.18**	**8.94**	**2.03**	**2.70**	**67%**

Date	AVE. FLOW (mgd)	influent	primary effl	secondary effl	BAF eff	µg/l effluent	ZINC % REMOVAL	DOMESTIC
	MGD	mg/l	mg/l	mg/l	mg/l	mg/l	%	mg/l
8/16/05	5.79	140	75	31	35	38	73%	642
11/15/05	5.69	140	52	38	38	40	71%	
2/3/06	6.12	91	71	57	46	49	46%	
5/10/06	5.24	110	56	25	27	25	77%	120
AVERAGE	**5.71**	**120**	**64**	**38**	**37**	**38**	**67%**	**381**

Date	INFLUENT	PRIMARY	SECONDARY	BAF eff	EFFLUENT	LEAD
	LBS/D	LBS/D	LBS/D	LBS/D	LBS/D	% REMOVAL
8/16/05	6.8	3.6	1.5	1.7	1.8	73%
11/15/05	6.6	2.5	1.8	1.8	1.9	71%
2/3/06	4.6	3.6	2.9	2.3	2.5	46%
5/10/06	4.8	2.4	1.1	1.2	1.1	77%
Average	5.71	3.04	1.83	3.53	1.83	67%

TABLE 6-17
SUMMARY OF THE INFLUENT AND EFFLUENT MASS AND REMOVAL PERCENTAGE

Parameter	INFLUENT MASS			EFFLUENT MASS			% REMOVAL		
	2002-2005	2005-2006	Difference	2002-2005	2005-2006	Difference	2002-2005	2005-2006	Difference
BOD	6,057	8,179	**2,122**	408	133	**-275**	92%	98%	**6%**
TSS	5,259	7,306	**2,047**	266	166	**-100**	94%	98%	**4%**
O&G	968	882	**-86**	64	44	**-20**	93%	95%	**2%**
Phenol	1.35	3.13	**1.78**	0.46	0.66	**0.2**	67%	72%	**5%**
Chromium	0.22	0.3	**0.08**	0.1	0.08	**-0.02**	52%	67%	**15%**
Copper	1.16	1.61	**0.45**	0.33	0.15	**-0.18**	71%	90%	**19%**
Iron	31	46.6	**15.6**	5.5	5.5	**0**	81%	88%	**7%**
Lead	0.16	0.28	**0.12**	0.1	0.11	**0.01**	41%	59%	**18%**
Zinc	5.7	3.8	**-1.9**	2.0	1.8	**-0.2**	46%	67%	**21%**

APPENDIX A

ATTACHMENT A-1

GENERAL INFORMATION

PRETREATMENT ANNUAL REPORT SUMMARY

					PPS1	PAU1	PAU2	PAU3
Control Authority Name:	WEST WARWICK REGIONAL WASTEWATER TREATMENT FACILITY							
Address:	ONE PONTIAC AVENUE	City:	WEST WARWICK					
State/Zip:	RHODE ISLAND 02983							
Coordinator Name:	ROBERT W. ROSE, JR.	Phone:	(401) 454-7000	COOR		X		X
RIPDES Permit Number:	RI 0100153			NPID	X	X	X	X
Reporting Period - Start Date: *Starting date that the summary covers.*			July 1, 2005	PSSD	X			
Reporting Period - End Date: *Ending date that the summary covers. Normally 12 months after start date.*			June 30, 2006	PSED	X			
Total Number of SIUS *This number includes the number of CIU's.*			8	SIUS		X		
Total Number of CIUS:			1	CIUS		X		

SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS

Number of CIU's Submitting BMR's/# Required:	0 / 0					
Number of CIU's Submitting 90Day Compliance Reports/# Required:	0 / 0					
Number of SIU's in Significant Noncompliance with Pretreatment Compliance Schedules/# Required to Meet Schedules: *Over the reporting period, the number of SIUs in SNC because they violated a compliance schedule milestone date by 90 days or more or have violated a compliance schedule reporting date by 30 days or more and have not returned to compliance.*	0	SSNC	X			
Number of SIU's in SNC with Self-Monitoring Requirements: *Over the reporting period, the number of SIUs in SNC because they failed to accutately report their noncompliance or have failed to provide self-monitoring results within 30 days of the due date and have not returned to compliance with the schedule or reporting.*	0	MSNC		X		

SIGNIFICANT INDUSTRIAL USER COMPLIANCE STATUS (Con't)

			PPS1	PAU1	PAU2	PAU3
Number of SIU's in Significant Noncompliance for Either Violating Effluent or Reporting Requirements: *At the end of the reporting period, the number of SIUs in SNC for violating an effluent standard (Local Limits, Categorical Standards or General Federal Prohibitions) or for violating a reporting requirement had has NOT had adequate enforcement action taken against them by the POTW.*	0	PSNC		X		
Number of SIU's in SNC with Reporting Requirements: *At the end of the reporting period, the number of SIUs in SNC for violating a reporting requirement.*	0	RSNC			X	
Number of SIU's in SNC with Effluent Requirements: *At the end of the reporting period, the number of SIUs in SNC for violating their effluent standards (Local Limits, Categorical Standards or General Federal Prohibitions).*	2	SNPS				X

COMPLIANCE MONITORING PROGRAM

Number of SIU's Without Active (Expired) Permits: *At the end of the reporting period, the number of SIUs that have no Industrial Discharge Permit or have an expired permit.*	0	RDN1				X
Number of SIU's With Permits Expired for 180 Days or More: *Over the reporting period, the number of SIU's that did not have an Industrial Discharge Permit for more than 180 days or had an expired permit for more than 180 days.*	0	NOCM		X		
Number of SIU's (Both) not Inspected and Sampled by POTW in the Past 12 Months: *Over the reporting period, the number of SIU's that have not been sampled by the POTW and have not been inspected by the POTW.*	0	NOIN		X		
Number of SIU's not Sampled/Not Inspected by the POTW in the Past 12 Months: *Two part field. First, over the designated reporting period, the number of SIUs that have not been sampled by the POTW. Second, over the designated reporting period, the number of SIUS that have not been inspected by the POTW.*	1 / 0	RDN2				X
Number of SIU's in SNC with Self-Monitoring and Not Inspected and Not Sampled in the Past 12 Months: Over the reporting period, the number of SIUs that first, meet the criteria of MSNC and second, have not been sampled by the POTW and have also not been inspected by the POTW.	0	SNIN		X		

ENFORCEMENT ACTIONS

			PPS1	PAU1	PAU2	PAU3
Number of Compliance Schedules Issued: *Over the designated reporting period, the number of SIUs that were issued a compliance schedule by the POTW.*	1	SOCS	X			
Number of Notices of Violation Issued to SIU's: *Over the designated reporting period, the number of NOVs issued to SIU's by the POTW.*	25	VINO	X			
Number of Administrative Orders Issued to SIU's: *Over the designated reporting period, the number of AOs issued to SIU's by the POTW*	0	ADOR	X			
Combined Total of Administrative Orders and Notices of Violation: *Over the designated reporting period, the number of AOs and NOV's issued to SIU's by the POTW.*	25	FENF	X			
Civil Suits Filed Against SIU's: *Over the designated reporting period, the number of civil suits filed against SIU's by the POTW.*	0	CIVL	X			
Criminal Suits Filed Against SIU's: *Over the designated reporting period, the number of criminal suits filed against SIU's by the POTW.*	0	CRIM	X			
Combined Total of Civil Suits and Criminal Suits: *Over the designated reporting period, the number of civil and criminal suits filed against SIU's by the POTW.*	0	JUDI	X			
Number of SIU's Published in the Newspaper as Significant Violators: *Over the designated reporting period, the number of SIU's that have been or will be published in the newspaper for being in SNC by the POTW.*	3	SVPU	X			
Number of SIU's From Which Penalties Were Collected: *Over the designated reporting period, the number of SIU's that the POTW has collected a penalty from.*	4	IUPN	X			
Total Amount of Penalties Collected: *Over the designated reporting period, the total amount of penalty dollars that has been collected from SIU's by the POTW.*	13,800	PAMT	X			
Number of SIU's Subject to Any Enforcement Action: *Over the designated reporting period, the total number of SIU's which have been subject to any type of formal enforcement action by the POTW.*	5	NENF	X			

APPENDIX B

TOWN OF WEST WARWICK
WASTEWATER TREATMENT FACILITY
LIST OF SIGNIFICANT NONCOMPLIANCE

The United States Environmental Protection Agency (EPA) Regulation 40CFR403.8(f)(2)(vii) and Sec. 15-15 (g) of the West Warwick Code of Ordinances require the Town of West Warwick, referred to as the "Control Authority", to publish the names of all industrial users which have been in significant noncompliance of any applicable pretreatment standard over the past twelve months.

Specifically, 40CFR403.8(f)(2)(viii) states:

(vii) Comply with the public participation requirements of 40 CFR part 25 in the enforcement of national pretreatment standards. These procedures shall include provision for at least annual public notification, in the largest daily newspaper published in the municipality in which the POTW is located, of industrial users which, at any time during the previous twelve months were in significant noncompliance with applicable pretreatment requirements. For the purposes of this provision, an industrial user is in significant noncompliance if its violation meets one or more of the following criteria:

(A) Chronic violations of wastewater discharge limits, defined here as those in which sixty-six percent or more of all of the measurements taken during a six month period exceed (by any magnitude) the daily maximum limit or the average limit for the same pollutant parameter;

(B) Technical Review Criteria (TRC) violations, defined here as those in which thirty-three percent or more of all of the measurements for each pollutant parameter taken during a six-month period equal or exceed the product of the daily maximum limit or the average limit multiplied by the applicable TRC (TRC = 1.4 for BOD, TSS, fats, oil, and grease, and 1.2 for all other pollutants except pH).

(C) Any other violation of a pretreatment effluent limit (daily maximum or longer-term average) that the *Control Authority determines has caused, alone or in combination with other discharges, interference or pass through* (including endangering the health of POTW personnel or the general public);

(D) Any discharge of a pollutant that has caused imminent endangerment to human health, welfare or to the environment or has resulted in the POTW's exercise of its emergency authority under paragraph (f)(1)(vi)(B) of this section to halt or prevent such a discharge;

(E) Failure to meet, within 90 days after the schedule date, a compliance schedule milestone contained in a local control mechanism or enforcement order for starting construction, completing construction, or attaining final compliance;

(F) Failure to provide, within 30 days after the due date, required reports such as baseline monitoring reports, 90-day compliance reports, periodic self-monitoring reports, and reports on compliance with compliance schedules;

(G) Failure to accurately report noncompliance;

(H) Any other violation or group of violations which the Control Authority determines will adversely affect the operation or implementation of the local pretreatment program.

LIST OF SIGNIFICANT NONCOMPLIANCE

In the reporting period of July 1, 2005 to June 30, 2006 the following industrial users were found to be in Significant Noncompliance as defined above.

Original Bradford Soap Works	**A, B**
Amtrol, Inc.	**A, B**
Riverpoint Lace	**A**

TOWN OF WEST WARWICK
WASTEWATER TREATMENT FACILITY
LIST OF SIGNIFICANT NONCOMPLIANCE

The United States Environmental Protection Agency (EPA) Regulation 40CFR403.8(f)(2)(vii) and Sec. 15-15 (g) of the West Warwick Code of Ordinances require the Town of West Warwick, referred to as the "Control Authority" to publish the names of all industrial users which have been in significant noncompliance of any applicable pretreatment standard over the past twelve months.

Specifically, 40CFR403.8(f)(2)(viii) states:

(vii) Comply with the public participation requirements of 40 CFR part 25 in the enforcement of national pretreatment standards. These procedures shall include provision for at least annual public notification, in the largest daily newspaper published in the municipality in which the POTW is located, of industrial users which, at any time during the previous twelve months were in significant noncompliance with applicable pretreatment requirements. For the purposes of this provision, an industrial user is in significant noncompliance if its violation meets one or more of the following criteria:

(A) Chronic violations of wastewater discharge limits, defined here as those in which sixty-six percent or more of all of the measurements taken during a six month period exceed (by any magnitude) the daily maximum limit or the average limit for the same pollutant parameter;

(B) Technical Review Criteria (TRC) violations, defined here as those in which thirty-three percent or more of all of the measurements for each pollutant parameter taken during a six-month period equal or exceed the product of the daily maximum limit or the average limit multiplied by the applicable TRC (TRC = 1.4 for BOD, TSS, fats, oil, and grease, and 1.2 for all other pollutants except pH).

(C) Any other violation of a pretreatment effluent limit (daily maximum or longer-term average) that the Control Authority determines has caused, alone or in combination with other discharges, interference or pass through (including endangering the health of POTW personnel or the general public);

(D) Any discharge of a pollutant that has caused imminent endangerment to human health, welfare or to the environment or has resulted in the POTW's exercise of its emergency authority under paragraph (f)(1)(vi)(B) of this section to halt or prevent such a discharge;

(E) Failure to meet, within 90 days after the schedule date, a compliance schedule milestone contained in a local control mechanism or enforcement order for starting construction, completing construction, or attaining final compliance;

(F) Failure to provide, within 30 days after the due date, required reports such as baseline monitoring reports, 90-day compliance reports, periodic self-monitoring reports, and reports on compliance with compliance schedules;

(G) Failure to accurately report noncompliance;

(H) Any other violation or group of violations which the Control Authority determines will adversely affect the operation or implementation of the local pretreatment program.

LIST OF SIGNIFICANT NONCOMPLIANCE

In the reporting period of July 1, 2004 to June 30, 2005 the following industrial users were found to be in Significant Noncompliance as defined above.

Original Bradford Soap Works	A, B
Dryvit Systems	B, E, G
Amtrol, Inc.	A, B

APPENDIX C

APPENDIX C
TOWN OF WEST WARWICK
WATER POLLUTION CONTROL FACILITY

Date	Arsenic mg/kg dry	Cadmium mg/kg dry	Chromium mg/kg dry	Copper mg/kg dry	Lead mg/kg dry	Mercury mg/kg dry	Molybdenum mg/kg dry	Nickel mg/kg dry	Selenium mg/kg dry	Zinc mg/kg dry
LIMIT	41	39	1200	1500	300	17	75	420	36	2,800
7/15/2002	43.0	2.3	35	58	87	0.45	4.3	22	17	280
10/18/2002	9.0	1.9	44	67	55	0.75	5.4	20	18	260
1/22/2003	7.8	1.9	29	51	48	0.57	3.9	14	16	220
4/1/2003	11.0	2.7	43	60	66	0.52	4.4	18	18	270
7/1/2003	9.5	2.3	36	50	65	0.25	3.8	18	15	240
10/1/03	8.7	1.8	32	51	61	0.36	5.6	11	15	160
1/7/04	3.7	1.7	6	94	16	0.38	9.2	4	37	190
4/5/04	22.0	1.2	37	45	53	0.26	3.8	13	15	160
7/1/04	23.0	2.1	35	54	130	0.34	4.6	17	18	240
10/5/04	22.0	2.3	34	92	66	0.34	11.0	15	12	370
1/4/05	13.0	1.5	26	43	41	0.25	5.0	12	22	160
1/28/05	39.0	3.0	38	80	46	1.20	15.0	21	23	190
4/4/05	23.0	1.6	24	44	45	0.41	5.6	13	16	120
7/6/05	10.0	1.6	21	41	37	0.28	4.2	20	17	180
11/3/05	16.0	1.6	22	59	25	0.57	4.4	14	18	130
1/4/06	21.0	1.8	30	58	44	0.28	5.2	15	16	180
3/1/06	20.0	2.8	31	76	43	0.49	9.6	21	17	230
5/17/06	9.2	1.9	11	36	25	0.47	5.3	12	11	91
Ave. '05-06	15.2	1.9	23	54	35	0.42	5.7	16	16	162
Ave. '02-'05	18.1	2.0	32	61	60	0.47	6.3	15	19	220
% limit '05-'06	37%	5%	2%	4%	12%	2%	8%	4%	44%	6%
%limit '02-'05	44%	5%	3%	4%	20%	3%	8%	4%	52%	8%

Date	Specific Conductance uMHOS/CM	Nitrite (as N) mg/kg/dry	Nitrate (asN) mg/kg/dry	Ammonia (as N) mg/kg/dry	TKN mg/kg/dry	Total Nitroqen (asN) mg/kg/dry	Total Volatile Solids %	Avail. Phos. Acid mg/kg/dry	Soluble Potash mg/l
7/15/2002	2100	67.0	110.0	3,000	7,300	7,500	23	6000	430
10/18/2002	2000	68.0	30.0	3,300	7,200	7,300	28	4000	370
1/22/2003	1700	77.0	420.0	380	3,100	3,600	37	4600	420
4/1/2003	3400	100.0	170.0	3,200	8,200	8,500	1	3700	440
7/1/2003	2500	400.0	945.0	1,300	5,000	6,300	28	4000	480
1/7/04	860	1.3	1.3	7,000	60,000	60,000	88	7,700	22
4/5/04	3000	94.0	88.0	2,600	6,900	7,100	26	4,400	320
10/5/04	2500	400.0	945.0	1,300	5,000	6,300	28	4,000	480
1/4/05	2200	1800.0	650.0	1,400	5,600	8,000	40	2,900	270
1/28/05	1700	27.0	21.0	4,500	9,800	9,800	30	3,100	170
7/6/05	1700	140.0	32.0	2,800	7,400	7,600	27	4,600	180
1/4/06	1800	590.0	130.0	2,200	5,200	5,900	33	5,700	180
3/1/06	2400	310.0	210.0	4,000	7,000	7,500	24	3,200	170
5/17/06	1100	30	180	2,100	10,000	10,000	16	20	4500
Ave. '05-06	1750	268	138	2775	7,400	7,750	25	3,380	1258
Ave. '02-'05	2196	303	338	2798	11810	12440	33	4440	340