COVER PAGE

Company Name:					
Name of responsible person on site at the company in official dealings with the S			Name of alternative on site person familiar with the day to day operations, environmental permitting requirements, monitoring, record keeping, and data management.		
Title	Yea	ars with firm	Title	Yes	ars with firm
Phone # Fax #		Phone #	Fax #		
Physical street address of facility			Official mailing address, if different.	Note if same.	
City	State	Zip	City	State	Zip
Email			Email		

The information provided by you on this questionnaire serves two functions:

- 1. The information is used to determine if your facility needs an Industrial User Pretreatment Permit (IUP) for the discharge of wastewater to the local sewer.
- 2. If an Industrial User Pretreatment Permit (IUP) is required, this survey serves as the application for an Industrial User Pretreatment Permit (IUP).

Requests for confidential treatment of information provided on this form shall be governed by procedures specified in 40 CFR Part 2. In accordance with Title 40 of the Code of Federal Regulations Part 403, Section 403.14 and the Local Sewer Use Ordinance (SUO), information and data provided in this questionnaire which identifies the content, volume and frequency of discharge shall be available to the public without restriction.

his is to be signed by an authorized official of your firm, as defined in the Local Sewer Use Ordinance, Section 26.82, after mpletion of this form.
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based upon my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and/or imprisonment for knowing violations.
Signature of Authorized Representative Date
listed above (seal if applicable)

	If both please enter, % continuous = % % Batch =	%
6.	Production process is: Check, if all continuous Check, if all batch	
5.	Describe weekly production schedule, including shifts worked per day, employees per shift, and primary operation during shift.	
4.	Are biocides added to any water discharged to the POTW, if yes describe: Yes No	
3.	List raw materials and process additives used:	
2.	List the primary products produced at this facility:	
1.	Provide a brief narrative description of the type of business, manufactur processes, or service activities your firm conducts at this site.	ring

7.	Does production vary significantly (+- 20 %) by season. Describe. Yes No
8.	Are any significant (+- 20 %) changes in production that will affect wastewater discharge expected in the next 5 years. If yes, please describe. Yes No
9.	List all current waste haulers. Give name, address, phone numbers, volume and materials hauled off.
10.	Attach a copy of laboratory analyses performed in the last year on the wastewater discharge(s) from your facilities. Summarize data on the attached Data Summary Form.
11.	Attach sketch or schematic showing sampling points and all connections to the sewer.
12.	Complete the Wastewater Pollutants Checklist attached to this Survey.

13. Do you have, or have you ever applied for, been issued, or been an NPDES permit to discharge to the surface waters or storm se	
North Carolina? If yes, list all other NPDES permits, permit no	
dates, and names used to apply for them, or reason denied.	annocis,
If yes: Permit , #, date, applicant name	Yes
If yes: Permit , #, date, applicant name	No
14. Do you have, or have you ever applied for or been issued an In	
User Pretreatment Permit (IUP) to discharge wastewater to the collection system. If yes, list all other IUP permits, permit no dates, and names used to apply for them.	
If yes: Permit , #, date, applicant name	Yes
If yes: Permit , #, date, applicant name	No
Environmental Permits (for example; air, RCRA, groun stormwater, general, Non-Discharge, septic tank, etc.). If yes, other permits, permit numbers, dates, and names used to apply for If yes: Permit type, #, date, applicant name	list all
If yes: Permit type, #, date, applicant name	No
If yes: Permit type, #, date, applicant name	
16. Is a Spill Prevention Control and Countermeasure (SPCC prepared for this facility?	Yes No
17. Is a Spill /Slug Control Plan required by the POTW, prepared facility?	for this Yes

18.	Do you have any underground storage tanks at your facility? If yes, list contents and volume of each tank.	_	
		Yes	
		No	
		_	
19.	Do you have any above ground storage tanks at your facility? If yes, for each tank, list the contents, volume, whether the tank has any spill prevention or containment devices, such as dikes, and procedures for draining any containment devices.	_	
	Yes # of T	anks	
		No	
20.	Do you have deluge systems on-site (fire protection, anhydrous ammonia, etc.)? If yes, list what it is used for and where does the discharge drain.	_	
		Yes	
		No	
21.	Do you have any stormwater entering into the sanitary sewer system from this site?		
		Yes	
		No	
		110	
22.	Do you have a BSL-1, BSL-2, BSL-3, or BSL-4 Laboratory on-site? If, so complete the BSL Addendum.	_	
		Yes	
		No	
		_	
23.	Do you use nanoparticles on-site?		
		Yes	
		No	

If you answered yes to Question 23, please answer the following:

A. What are the types of nanoparticles being used?

В.	What is the intended purpose of the nanoparticles?		
C.	Will there be any equipment cleaning periods where you expect to rinse equipment and discharge waste to the sanitary sewer?		
D.	Is there an MSDS for the nanoparticle or object containing the nanoparticle?		
24.	Do you use preserved Enzyme-Linked Immunosorbent Assay (ELISA) kits on-site?	Г	
		Yes	

Industrial User Wastewater Survey & Permit Application PART II, Water Supply, Use, & Disposal Worksheet:

Water Used for:	Water Source(s)	Avg. gal/day	Max. gal/day	Measured	Estimated	Disposal Method(s)	Avg. gal/day	Max. gal/day	Measured	Estimated
	(see Source List below)					(see Disposal List below)				
1. Process water										
2. Washdown water										
3. Water into product										
4. Air Quality Permitted units										
5. Domestic - toilets, drinking, cafe										
6. Cooling water, Process NON-Contact										
7. Boiler / Cooling tower blowdown										
8. Cooling water, HVAC										
9. Other:										
•	Totals =>					Totals =>				

Typical Water Sources:

- City / Public supply
- Private wells, drinking
- Groundwater remediation wells
- Private ponds
- Surface waters of NC, please identify 4. % 6.
 - Include others if applicable

Possible Water Disposal Methods

- Sanitary sewer, with pretreatment
- Sanitary sewer, without pretreatment
 - Storm sewer
- Surface waters of NC
 - Evaporation
- Land applied
- To groundwater Septic Tank
- Waste Haulers (identify)
 - Water into Product
- Include others, if applicable

PART III, PRETREATMENT FACILITIES:

Are there any pretreatment devices or processes used for treating wastewater before being discharged to the sewer? Check all that are present, and describe.

			No pretreatment facilities =	=>
1.	Flow equalization		Aerated equalization =	=>
	Tion equalities		NON-Aerated equalization =	
		Total volum	•	
		Total volulli	of equalization (million gal.) =	-/
2.	Activated Carbon	Yes	No Describe as	ny, if present.
3.	Activated Sludge	Yes	No	
4.	Air Stripping	Yes	No	
5.	Centrifugation	Yes	No	
6.	Chemical Precipitation	Yes	No	
7.	Chlorination	Yes	No	
8.	Cyanide Destruction	Yes	No	
9.	Cyclone	Yes	No	
10.	Dissolved Air Floatation	Yes	No	
11.	Filtration	Yes	No	
12.	Flocculation	Yes	No	
13.	Grease Trap	Yes	No	
14.	Grit Removal	Yes	No	
15.	Ion Exchange	Yes	No	
16.	Neutralize, pH adjust	Yes	No	
17.	Other Biological Treatment	Yes	No	
18.	Ozonation	Yes	No	
19.	Reverse Osmosis	Yes	No	
20.	Screening	Yes	No	
21.	Sedimentation	Yes	No	
22.	Septic Tank	Yes	No	
23.	Silver Recovery	Yes	No	
24.	Solvent Separation	Yes	No	
25.	Spill protection	Yes	No	
	List any others.			

Durham County Wastewater Survey & Permit Application Revision date: 02/12/2016

PART IV, CATEGORICAL INFORMATION:

1.	When were operations started at this facility	Facility start up dat	e
2.	List all Standard Industrial Classification (SIG	C) codes for your facility.	
	These may be found on State Unemployment accounting records, or from the Chamber of C		
	accounting records, or from the chamber of		
3.	Has this facility ever been considered a Categ (CIU) as described by the Code of Federal Re		
	•	complete 40 CFR number =	>
		N	0
4	And any other facilities are advanced and	1 h	
4.	Are any other facilities owned and/or operated permitted as Categorical Industrial Users (CIUC Code of Federal Regulations (40 CFR)?		
	If yes please give name(s), location, and 40 C	FR number. Ye	es

PART IV, CATEGORICAL INFORMATION:

(continued)

5. Check any activities listed below that are performed at your facility:

Check below	40 CFR#	Industrial Activity	Check below	40 CFR#	Industrial Activity
	467	Aluminum Forming		432	Meat products
	427	Asbestos Manufacturing		433	Metal finishing
	461	Battery Manufacturing		464	Metal molding and casting
	431	Builders paper & board mills		436	Mineral mining and processing
	407	Canned & preserved fruits & veg.		471	Nonferrous Metal, Form & Powders
	408	Canned & preserved seafood		421	Nonferrous Metals Manufacturing
	458	Carbon black Manufacturing		414	OCPSF, Organic Chemicals, Plastics,
	411	Cement Manufacturing			& Synthetic Fiber Manufacturing
	437	Centralized Waste Treatment		435	Oil & gas extraction
	434	Coal Mining		440	Ore mining and dressing
	465	Coil Coating		446	Paint formulating
	468	Copper Forming		443	Paving and roofing materials Mfg.
	405	Dairy products processing		455	Pesticide Manufacturing
	469	Electrical, electronic components		419	Petroleum Refining
	413	Electroplating		439	Pharmaceutical Manufacturing
	457	Explosives Manufacturing		422	Phosphate Manufacturing
	412	Feedlots		459	Photographic supplies
	424	Ferro allay Manufacturing		463	Plastics molding and forming
	418	Fertilizer Manufacturing		466	Porcelain enameling
	464	Foundries, Metal Mold & Casting		430	Pulp, paper, and paperboard
	426	Glass Manufacturing		428	Rubber Manufacturing
	406	Grain mills		417	Soap & Detergent Manufacturing
	454	Gum & Wood Chemicals Mfg.		423	Steam Electric power Generation
	460	Hospitals		409	Sugar processing
	447	Ink formulating		410	Textile Mills
	415	Inorganic chemical Manufacturing		429	Timber products processing
	420	Iron & Steel Manufacturing		442	Transportation Equipment Cleaning
	425	Leather Tanning & Finishing		Others	

Durham County Wastewater Survey & Permit Application Revision date: 02/12/2016

Wastewater Pollutant Checklist

Actic Extractable Organics 2-Chlorophenol 34866	Chemical Name	EPA Storet Code	Check if Present at Facility	Check if Absent at Facility	Check if Present in Discharge	Check if Absent in Discharge	Concentration in Discharge, if Known (mg/l)
2-Chlorophenol 34886 2,4-Dinchlorophenol 34601 2,4-Dinitrophenol 34601 2,4-Dinitrophenol 34606 2,4-Dinitrophenol 34606 2,4-Dinitrophenol 34606 2,4-Dinitrophenol 34616 2-Methyl-4,6-dinitrophenol 34527 2-Nitrophenol 34521 2-Nitrophenol 34521 2-Nitrophenol 34521 2-Nitrophenol 34646 2-Nitrophenol 34646 2-Nitrophenol 34646 2-Nitrophenol 34646 2-Nitrophenol 34646 2-Nitrophenol 34641 2-Nitrophenol 34641 2-Nitrophenol 34621 2-Nitrophenol 34636 2-Ni	Acid Extractable Organic	es					
2.4-Dinterhylphenol 34606							
2.4-Dimitrophenol 34606		34601					
2-Methyl-4,6-dinitrophenol 34657		34606					
4-Chloro-3-methylphenol 34452	2,4-Dinitrophenol	34616					
2-Nitrophenol 34591 4-Nitrophenol 34646 Pentachlorophenol 39032 Phenol 34694 2,4,6-Trichlorophenol 34621 Base Neutral Organics 1,2-Dichlorobenzene 34536 1,2-Diphenylhydrazine 34346 1,3-Dichlorobenzene 34571 1,2-Dichlorobenzene 34571 1,2-Diphenylhydrazine 34366 1,3-Dichlorobenzene 34571 2,4-Dinitrotoluene 34611 2,6-Dinitrotoluene 34611 2,6-Dinitrotoluene 34581 3,3-Dichlorobenzidine 34631 4-Bromophenyl phenyl ether 34636 4-Chlorophenyl phenyl ether 34636 4-Chlorophenyl phenyl ether 34631 Acenaphthene 03405 Acenaphthylene 34200 Benzo (a) anthracene 34220 Benzo (a) anthracene 34221 Benzo (b) fluoranthene 34231 Benzo (b) fluoranthene 34232 Benzo (b) fluoranthene 34232 Benzo (ghi) perylene 34247 Benzo (ghi) perylene 34233 Bis(2-chloroethyl) ether 34233 Bis(2-chloroethyl) ether 34233 Bis(2-chlorotosyr) phthalate 39100 Bityl benzyl phthalate 34292 Chrysene 34320 Chrysene	2-Methyl-4,6-dinitrophenol						
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Rase Neutral Organics							
Base Neutral Organics 1,2,4-Trichlorobenzene 34551 1,2-Dichlorobenzene 34536 1,2-Diphenylhydrazine 34346 1,3-Dichlorobenzene 34566 1,4-Dichlorobenzene 34566 1,4-Dichlorobenzene 34571 1,4-Dichlorobenzene 34571 1,4-Dichlorobenzene 34611 2,6-Dinitrotoluene 34611 2,6-Dinitrotoluene 34626 2-Chloronaphthalene 34581 3,3-Dichlorobenzidine 34631 4-Bromophenyl phenyl ether 34636 4-Chlorophenyl phenyl ether 34636 4-Chlorophenyl phenyl ether 34641 4-Chlorophenyl phenyl ether 34641 4-Chlorophenyl phenyl ether 34200 4-Chlorophenyl phenyl ether 34220 4-Chlorophenyl phenyl ether 34220 4-Chlorophenyl phenyl ether 34220 4-Chlorophenyl phenyl ether 34220 4-Chlorophenyl phenyl ether 34230 4-Chlorophenyl phenyl ether 34230 4-Chlorophenyl ether 34242							
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Butyl benzyl phthalate 34292 Chrysene 34320	2 2 2	39100					
Chrysene 34320		34292					
	· · · · · ·	34320					
	Di-n-butyl phthalate	39110					

Wastewater Pollutant Checklist

	T					1
Chemical Name	EPA	Check if	Check if	Check if	Check if	Concentration
	Storet		Absent at	Present in	Absent in	in Discharge,
	Code	Facility	Facility	Discharge	Discharge	if Known
						(mg/l)
Base Neutral Organics (c	ontinu	ıed)				
Di-n-octyl phthalate	34596					
Dibenzo (a,h) anthracene	34556					
Diethyl phthalate	34336					
Dimethyl phthalate	34341					
Fluoranthene	34376					
Fluorene	34381					
Hexachlorobenzene	39700					
Hexachlorobutadiene	34391					
Hexachlorocyclopentadiene	34386					
Hexachloroethane	34396					
Indeno(1,2,3-cd) pyrene	34403					
Isophorone	34408					
N-nitroso-di-n-propylamine	34428					
N-nitrosodimethylamine	34438					
N-nitrosodiphenylamine	34433					
Naphthalene	34696					
Nitrobenzene	34447					
Phenanthrene	34461					
Pyrene	34469					

Metals

Aluminum	01104		
Antimony	01097		
Arsenic	01002		
Beryllium	01012		
Cadmium	01027		
Chromium	01034		
Copper	01042		
Lead	01051		
Mercury	71900		
Molybdenum	01062		
Nickel	01067		
Selenium	01147		
Silver	01077		
Thallium	00982		
Zinc	01092		

Wastewater Pollutant Checklist

Chemical Name	EPA	Check if	Check if	Check if	Check if	Concentration
	Storet	Present at	Absent at	Present in	Absent in	in Discharge,
	Code	Facility	Facility	Discharge	Discharge	if Known
			J			(mg/l)
Other Inorganics	1			•	l	
Barium	01007					
Chloride	00940					
Cyanide	00720					
Fluoride	00951					
Purgeable Volatile Org	anics					
1,1,1-Trichloroethane	34506					
1,1,2,2-Tetrachloroethane	34516					
1,1,2-Trichloroethane	34511					
1,1-Dichloroethane	34496					
1,1-Dichloroethylene	34501					
1,2-Dichloroethane	34531					
1,2-Dichloropropane	34541					
2-Chloroethyl vinyl ether	34576					
Acrolein	34210					
Acrylonitrile	34215					
Benzene	34030					
Bromodichloromethane	32101					
Bromoform	32104					
Bromomethane	34413					
Carbon tetrachloride	32102					
Chlorobenzene	34301					
Chloroethane	34311					
Chloroform	32106					
Chloromethane	34418					
cis 1,3-Dichloropropene	34704					
Dibromochloromethane	32105					
Ethylbenzene	34371					
Methylene chloride	34423					
Tetrachloroethylene	34475					
Toluene	34010					
trans 1,3-Dichloropropene	34699					
trans-1,2-Dichloroethylene	34546					
Trichloroethylene	39180					
Trichlorofluoromethane	34488					
Vinyl chloride	39175					
	1 -22.0	<u> </u>		<u>l</u>	<u> </u>	<u>l</u>
Others		T		T	Τ	T
Xylene						

<= Receiving POTW	<= Receiving NPDES #	<= Specific Sample Location!	i.e., Give IU Name, IUP#, and/or pipe#

а				esults		1																
Ammonia				Conc. Results	II OIII LAD	mg/l																
						٠٠																
TSS				Conc. Results	II VIII LAU	mg/l																
						٠٠																
BOD				Conc. Results	IIOIII LAU	mg/l																Avg. data value, Include BDL values as 1/2 detection limit =>
						٠٠														\ \ \ \ \	\	1/2 de1
	nalysis => Limits =>	Notes =>				gal/day														r of sample	value (mg/)	values as
	Laboratory performing analysis => ratory Method Detection Limits =>		= Flow	M = Metered	Sumateu	pgm														Total number of samples =>	Maximum data value (mg/l) =>	nclude BDI
	tory p Metho		= 0	$\mathbf{M} = \mathbf{N}$	។ 															I	Max	alue, I
	Laboratory performing analysis => Laboratory Method Detection Limits =>			Notes about Sample																		Avg. data v.
	^ ^	\wedge		_																TNS =>	le =>	\ ('
	Lab => MDL =>	Notes =>		Date	Collected															Ž	Max. value =>	Avg. (use 1/2 BDL) =>
				Sample	Count		1	2	3	4	5	9	7	∞	6	10	11	12	etc			Avg. (1

<= Receiving POTW	<= Receiving NPDES #	<= Specific Sample Location!	i.e., Give IU Name, IUP#, and/or pipe #

<= Receiving POTW	<= Receiving NPDES #	<= Specific Sample Location!	i.e., Give IU Name, IUP#, and/or pipe #

			Cyanide		Lead		Mercury		Nickel		Silver		Zinc
	Lab => MDL => Notes =>												
Sample ID or Count	Date Sample Collected	T	Conc. Results from Lab		Conc. Results from Lab		Conc. Results from Lab		Conc. Results from Lab		Conc. Results from Lab		Conc. Results from Lab
		?	mg/l	<u>۰</u> ۰	mg/l	? >	mg/l	?	mg/l	<u>د</u> ۲	mg/l	? >	mg/l
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12													
etc													
						!		!		,			
	<= SNL												
	Max. Value =>	•											
Avg. (1	Avg. (use1/2 BDL) =>												

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<= Receiving POTW	<= Receiving NPDES #	<= Specific Sample Location!	i.e., Give IU Name, IUP#, and/or pipe #

			Other		Other		Other		Other		Other		Other
	Lab => MDL => Notes =>												
Sample ID or Count	Date Sample Collected	Г	Conc. Results from Lab		Conc. Results from Lab		Conc. Results from Lab		Conc. Results from Lab		Conc. Results from Lab		Conc. Results from Lab
		?	mg/l	<u>ن</u> >	mg/l	?	mg/l	~	mg/l	<u>۲</u> ۰	mg/l	<u>ن</u> >	mg/l
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	TNS =>												
	Max. Value =>												
Avg. (u	Avg. (use1/2 BDL) =>												

Part V, Waste Reduction Information:

State Pretreatment Rule 15A NCAC 2H.0916 (c)(1)(M) requires Significant Industrial Users to include a description of current and projected waste reduction (pollution prevention) activities. The codes listed are standard EPA codes found on Toxic Release Inventory and other environmental forms. Please check all applicable codes for your facility related to wastewater discharge.

Current	Projected	Code	Description
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Current	Trojecteu	Couc	Description
W1		W13	Improved maintenance scheduling recordkeeping, or procedures
		W14	Changed production schedule to minimize equipment and feedstock changeovers
		W19	Other changes in operating practices (explain briefly in comments)
		W21	Instituted procedures to ensure that materials do not stay in inventory beyond shelf-life
		W22	Began to test outdated material-continue to use if still effective
		W23	Eliminated shelf-life requirements for stable materials
		W24	Instituted better labeling procedures
		W25	Instituted clearinghouse to exchange materials that would otherwise be discarded
		W29	Other changes in Inventory control (explain briefly in comments)
		W31	Improved storage or stacking procedures
		W32	Improved procedures for loading, unloading and transfer operations
		W33	Installed overflow alarms or automatic shutoff valves
		W34	Installed secondary containment
		W35	Installed vapor recovery systems
		W36	Implemented inspection or monitoring program of potential spill or leak sources
		W39	Other spill and leak prevention (explain briefly in comments)
		W41	Increased purity of raw materials
		W42	Substituted raw materials
		W49	Other raw material modifications (explain briefly in comments)
		W51	Instituted recirculation within a process
		W31 W32 W33 W34 W35 W36 W39 W41 W42 W49	Other changes in Inventory control (explain briefly in comments) Improved storage or stacking procedures Improved procedures for loading, unloading and transfer operations Installed overflow alarms or automatic shutoff valves Installed secondary containment Installed vapor recovery systems Implemented inspection or monitoring program of potential spill or leak sources Other spill and leak prevention (explain briefly in comments) Increased purity of raw materials Substituted raw materials Other raw material modifications (explain briefly in comments)

Current	Projected	Code	e Description		
		W52	Modified equipment, layout, or piping		
		W53	Use of a different process catalyst		
		W54	Instituted better controls on operating bulk containers to minimize discarding of empty containers		
		W55	Changed from small volume containers to bulk containers to minimize discarding of empty containers		
		W58	Other process modifications (explain briefly in comments)		
		W59	Modified stripping / cleaning equipment		
		W60	Changed to mechanical stripping / cleaning devices (from solvents or other materials)		
		W61	Changed to aqueous cleaners (from solvents or other materials)		
		W62	Reduced the number of solvents used to make waste more amenable to recycling		
		W63	Modified containment procedures for cleaning units		
		W64	Improved draining procedures		
		W65	Redesigned parts racks to reduce dragout		
		W66	Modified or installed rinse systems		
		W67	Improved rinse equipment design		
		W68	Improved rinse equipment operation		
		W71	Other cleaning and degreasing operation (explain briefly in comments)		
		W72	Modified spray systems or equipment		
		W73	Substituted coating materials used		
		W74	Improved application techniques		
		W75	Changed from spray to other system		
		W78	Other surface preparation and finishing (explain briefly in comments)		
		W81	Changed product specifications		
		W82	Modified design or composition of product		
		W83	Modified packaging		
		W89	Other product modifications (explain briefly in comments)		
		W99	Other (specify in comments)		

Comments	(Please	list	corresponding code)
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Part VI, Permit Application Fees:

The completed application shall be submitted with an application fee of \$300.00. Submit the completed application and fee to:

Triangle Wastewater Treatment Plant Compliance Manager 5926 NC Highway 55 East Durham, NC 27713

Make checks payable to Durham County. If there are any questions or concerns, feel free to contact the Durham County Industrial Pretreatment Program at 919-560-9034.