Ohio | Environmental Protection Agency
John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

RE: Marion County
Marion WWTP
NPDES Permit

March 29, 2012

Mr. Jay M. Shoup
Service Director
City of Marion
223 West Center Street
Marion, Ohio 43302

Dear Mr. Shoup:

On March 14, 2012, Mr. Jason Ko conducted a Compliance Evaluation Inspection of your wastewater treatment plant. Mr. Roger Baldinger, Acting Superintendent, was present and provided information regarding the operation of the facility. This inspection was conducted to evaluate compliance with the facility's National Pollutant Discharge Elimination System (NPDES) permit No. 2PD00011 (OH0026352).

At the time of the inspection, all major treatment components were in service. The mixed liquors in all the oxidation ditches had a healthy brown color indicating a fairly healthy microbial population. The final discharge from the treatment plant was clear. We did not collect effluent samples (Outfall 001) during this inspection.

Your current NPDES permit will expire on July 31, 2012, and we are in the process of drafting the renewal NPDES permit. Please note that the current NPDES permit (Part I, Item C) requires the City to comply with five implementation schedules with specific milestones as follows:

(1) Municipal Construction Schedule – the City chose to comply with final effluent limits without plant construction (completed).
(2) Municipal CSO Schedule – requiring completion of sewer collection improvements by June 2020 (on-going).
(3) Mercury Schedule – the City chose to meet final mercury limits without requesting the mercury variance (completed).
(4) Pollutant Minimization Program (PMP) for Mercury – submitted control strategies on April 11, 2011 (completed).
(5) Municipal Pretreatment Schedule – submitted technical justification of local industrial user limits to Ohio EPA, Central Office Pretreatment Unit (completed).

The U.S. EPA DMR-QA Study #31 indicated that all test parameters were rated acceptable. We encourage your continued participation in the QA Program to assure the accuracy and reliability of your monthly monitoring data. Please note that the Performance Audit Inspection of your in-house laboratory is being scheduled for this year.

Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402-9398

419 | 352 8461
419 | 352 8468 (fax)
www.epa.ohio.gov

Our review of your Discharge Monitoring Reports (5/1/2011 – 3/1/2012) indicated numerous effluent violations especially for Dissolved Oxygen. Please refer to the enclosed violation table. Please inform this office in writing within 30 days as to the steps taken or proposed to prevent any further violations. If these violations continue to occur and if satisfactory progress is not made, we will have no choice but to recommend escalated enforcement action to achieve compliance.

Our completed inspection report is also enclosed with this letter. If you have any questions, please call Mr. Jason Ko of our office at 419-373-3021.

Yours truly,

Elizabeth A. Wick, P.E.
Environmental Engineer/Section Manager
Division of Surface Water

JK/jlm

Enclosure

pc: Roger Baldinger, Marion WPC

ec: Inspection Tracking

NPDES COMPLIANCE INSPECTION REPORT

Section A: National Data System Coding

Permit #	NPDES	Yr/Mo/Day	Inspection Type	Inspector	FacType
2PD00011	OH0026352	2012/3/14	C	S	P

Section B: Facility Data

Name and Location of Facility Inspected	Entry Time	Permit Effective Date
City of Marion WWTP 1810 Marion-Agosta Road Marion, OH 43302	9:30 A.M.	8/1/2007
	Exit Time 11:30 A.M.	Permit Expiration Date 7/31/2012

Name(s) and Title(s) of On-Site Representative(s)	Phone Number(s)
Mr. Roger Baldinger, Superintendent	(740) 383-6051

Name, Address and Title of Responsible Official	Phone Number
Mr. Jay Shoup, Service Director City of Marion 233 West Center Street Marion, OH 43302	(740) 387-4651

Section C: Areas Evaluated During Inspection
(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

S Permit	S Flow Measurement	-- Pretreatment
S Records/Reports	N Laboratory	S Compliance Schedules
S Operations & Maintenance	S Effluents	S Self-Monitoring Program
S Facility Site Review	S Sludge Storage/Disposal	- Other

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

* The NPDES permit renewal application was received on 1/30/2012 & is in the process of being drafted

* The Schedule of Compliance in the NPDES permit contained 5 items with specific time frames
  1) Municipal Construction Schedule - complying with final effluent limits w/o plant construction
  2) Municipal CSO Schedule – complete sewer collection improvements by 6/2020
  3) Mercury Schedule – meeting final mercury limits w/o requesting for the mercury variance
  4) Pollutant Minimization Program (PMP) for Mercury – submitted control strategies on 4/11/2011
  5) Municipal Pretreatment Schedule - submitted the local industrial user limitations to CO

* Mt Vernon Avenue CSO separation is completed in 2010 & CSO monitoring is continuing

* Review of your Discharge Monitoring Reports (5/1/2011 – 3/1/2012) indicated numerous effluent violations especially in Dissolved Oxygen

Jason Ko — 3/28/12 — Ohio EPA, Northwest
Name(s) and Signature(s) of Inspector(s) — Date — District Office

Thomas Poffenbarger, P.E. — 3/27/12 — Ohio EPA, Northwest
Name and Signature of Reviewer — Date — District Office

Sections E thru K: Complete on all inspections as appropriate. N/A - Not Applicable N/E - Not Evaluated

Section E: Permit Verification

	Yes	No	N/A	N/E
INSPECTION OBSERVATIONS VERIFY THE PERMIT				
(a) CORRECT NAME AND MAILING ADDRESS OF PERMITTEE	X			
(b) CORRECT NAME AND LOCATION OF RECEIVING WATERS	X			
(c) PRODUCT(S) AND PRODUCTION RATES CONFORM WITH PERMIT APPLICATION (INDUSTRIES)			X	
(d) FLOWS AND LOADINGS CONFORM WITH NPDES PERMIT PERMIT APPLICATION/BRIEFING MEMO	X			
(e) TREAT PROCESSES ARE AS DESCRIBED IN PERMIT APPLICATION/BRIEFING MEMO	X			
(f) NEW TREATMENT PROCESS(ES) ADDED SINCE LAST INSPECTION		X		
(g) NOTIFICATION GIVEN TO STATE OF NEW, DIFFERENT OR INCREASED DISCHARGES			X	
(h) ALL DISCHARGES ARE PERMITTED	X			
(I) NUMBER AND LOCATION OF DISCHARGE POINTS ARE AS DESCRIBED IN PERMIT	X			

COMMENTS/STATUS:

Section F: Compliance Schedules/Violations

	Yes	No	N/A	N/E
(a) ANY SIGNIFICANT VIOLATIONS SINCE THE LAST INSPECTION		X		
(b) PERMITTEE IS TAKING ACTIONS TO RESOLVE VIOLATIONS			X	
(c) PERMITTEE HAS COMPLIANCE SCHEDULE	X			
(d) COMPLIANCE SCHEDULE CONTAINED IN NPDES – Part I.C				
(e) PERMITTEE IS MEETING COMPLIANCE SCHEDULE	X			

COMMENTS/STATUS:

(d) The Schedule of Compliance in the NPDES permit contained 5 items with specific time frames

1) Municipal Construction Schedule
2) Municipal CSO Schedule
3) Mercury Schedule
4) Pollutant Minimization Program (PMP) for Mercury
5) Municipal Pretreatment Schedule

Section G: Operation and Maintenance

TREATMENT WORKS:

	Yes	No	N/A	N/E
TREATMENT FACILITY PROPERLY OPERATED AND MAINTAINED				
(a) STANDBY POWER AVAILABLE GENERATOR _X_ DUAL FEED _X_	X			
(b) ADEQUATE ALARM SYSTEM AVAILABLE FOR POWER OR EQUIPMENT FAILURES	X			
(c) ALL TREATMENT UNITS IN SERVICE OTHER THAN BACKUP UNITS	X			
(d) SUFFICIENT OPERATING STAFF PROVIDED # SHIFTS 2 DAYS/WEEK 7	X			
(e) OPERATOR HOLDS UNEXPIRED LICENSE OF CLASS REQUIRED BY PERMIT CLASS: IV	X			
(f) ROUTINE AND PREVENTIVE MAINTENANCE SCHEDULED/PERFORMED ON TIME	X			
(g) ANY MAJOR EQUIPMENT BREAKDOWN SINCE LAST INSPECTION		X		
(h) OPERATION AND MAINTENANCE MANUAL PROVIDED AND MAINTAINED	X			
(i) ANY PLANT BYPASSES SINCE LAST INSPECTION	X			
(j) REGULATORY AGENCY NOTIFIED OF BYPASSES ___ ON MORS ___ 800 NO.	X			
(k) ANY HYDRAULIC AND/OR ORGANIC OVERLOADS EXPERIENCED SINCE LAST INSPECTION		X		

COLLECTION SYSTEM:

	Yes	No	N/A	N/E
(a) PERCENT COMBINED SYSTEM 50%				
(b) ANY COLLECTION SYSTEM OVERFLOWS SINCE LAST INSPECTION (CSO X SSO _)	X			
(c) REGULATORY AGENCY NOTIFIED OF OVERFLOWS (SSOs)			X	
(d) CSO O AND M PLAN PROVIDED AND IMPLEMENTED	X			
(e) CSOs MONITORED AND REPORTED IN ACCORDANCE WITH PERMIT	X			
(f) PORTABLE PUMPS USED TO RELIEVE SYSTEM	X			
(g) LIFT STATION ALARM SYSTEMS PROVIDED AND MAINTAINED	X			
(h) ARE LIFT STATIONS EQUIPPED WITH PERMANENT STANDBY POWER OR EQUIVALENT	X			
(i) IS THERE AN INFLOW INFILTRATION PROBLEM (SEPARATE SEWER SYSTEM) OR WERE THERE ANY MAJOR REPAIRS TO COLLECTION SYSTEM SINCE LAST INSPECTION	X			
(j) ANY COMPLAINTS RECEIVED SINCE LAST INSPECTION OF BASEMENT FLOODING	X			
(k) ARE ANY PORTIONS OF THE SEWER SYSTEM AT OR NEAR CAPACITY		X		

COMMENTS/STATUS:

Treatment Works:
(a) A portable standby generator is now available
(d) Two 12 hour shifts

Section H: Sludge Management

(a) SLUDGE MANAGEMENT PLAN (SMP)
SUBMITTED DATE ____ APPROVAL # _____ NOT SUBMITTED _____ N/A

	Yes	No	N/A	N/E
(b) SLUDGE MANAGEMENT PLAN CURRENT	___	___	___	X
(c) SLUDGE ADEQUATELY DISPOSED (METHOD: ___)	___	___	___	X
(d) IF SLUDGE IS INCINERATED, WHERE IS ASH DISPOSED OF _____				
(e) IS SLUDGE DISPOSAL CONTRACTED (NAME:___)	___	___	___	X
(f) HAS AMOUNT OF SLUDGE GENERATED CHANGED SIGNIFICANTLY SINCE LAST INSPECTION	___	___	___	X
(g) ADEQUATE SLUDGE STORAGE PROVIDED AT PLANT	___	___	___	X
(h) LAND APPLICATION SITES MONITORED AND INSPECTED PER SMP	___	___	___	X
(i) RECORDS KEPT IN ACCORDANCE WITH STATE AND FEDERAL LAW	___	___	___	X
(j) ANY COMPLAINTS RECEIVED IN LAST YEAR REGARDING SLUDGE	___	___	___	X
(k) IS SLUDGE ADEQUATELY PROCESSED (DIGESTION, DEWATERING, PATHOGEN CONTROL)	___	___	___	X

COMMENTS/STATUS:

Section I: Self-Monitoring Program

Part 1. Flow measurement

	Yes	No	N/A	N/E
(a) PRIMARY FLOW MEASURING DEVICE PROPERLY OPERATED & MAINTAINED	X	___	___	___
TYPE OF DEVICE: ___ PARSHALL FLUME ___ ULTRASONIC & WEIR ___ WEIR ___ CALCULATED FROM INFLUENT __X__ OTHER(Specify magnate-influent / effluent)				
(b) CALIBRATION FREQUENCY ADEQUATE (Date of last calibration 8/2011)	X	___	___	
(c) SECONDARY INSTRUMENTS (totalizers, recorders, etc.) PROPERLY OPERATED AND MAINTAINED	X	___	___	
(d) FLOW MEASUREMENT EQUIPMENT ADEQUATE TO HANDLE EXPECTED RANGES OF FLOWS	X	___	___	
(e) ACTUAL FLOW DISCHARGED IS MEASURED	X	___	___	

(f) FLOW MEASURING EQUIPMENT INSPECTION
FREQUENCY: _X___ DAILY ____ WEEKLY ____ MONTHLY ____OTHER

COMMENTS/STATUS:

Part 2. Sampling

	Yes	No	N/A	N/E
(a) SAMPLING LOCATION(S) ARE AS SPECIFIED BY PERMIT	X			
(b) PARAMETERS AND SAMPLING FREQUENCY AGREE WITH PERMIT	X			
(c) PERMITTEE USES REQUIRED SAMPLING METHOD	X			
(d) SAMPLE COLLECTION PROCEDURES ARE ADEQUATE	X			
(i) SAMPLES REFRIGERATED DURING COMPOSITING	X			
(ii) PROPER PRESERVATION TECHNIQUES USED	X			
(iii) CONTAINERS AND SAMPLE HOLDING TIMES PRIOR TO ANALYSES CONFORM WITH 40 CFR 136.3	X			
(e) MONITORING RECORDS (e.g., flow, pH, D.O., etc.) MAINTAINED FOR A MINIMUM OF THREE YEARS INCLUDING ALL ORIGINAL STRIP CHART RECORDINGS (e.g., continuous monitoring instrumentation, calibration and maintenance records)	X			
(f) ADEQUATE RECORDS MAINTAINED OF SAMPLING DATE, TIME, EXACT LOCATION, ETC.	X			

COMMENTS/STATUS:

Part 3. Laboratory

	Yes	No	N/A	N/E
GENERAL				
(a) EPA APPROVED ANALYTICAL TESTING PROCEDURES USED (40 CFR 136.3)	X			
(b) IF ALTERNATE ANALYTICAL PROCEDURES ARE USED, PROPER APPROVAL HAS BEEN OBTAINED			X	
(c) ANALYSES BEING PERFORMED MORE FREQUENTLY THAN REQUIRED BY PERMIT		X		
(d) IF (c) IS YES, ARE RESULTS REPORTED IN PERMITTEE'S SELF-MONITORING REPORT			X	
(e) COMMERCIAL LABORATORY USED	X			

(1) PARAMETERS ANALYZED BY COMMERCIAL LAB
TTO, Arsenic, cyanide, TKN, priority pollutants, O&G, Selenium , Sludge & Low Mercury,

(2) LAB NAME: Alloway

QUALITY CONTROL/QUALITY ASSURANCE				
(f) QUALITY ASSURANCE MANUAL PROVIDED AND MAINTAINED	X			
(g) SATISFACTORY CALIBRATION AND MAINTENANCE OF INSTRUMENTS AND EQUIPMENT	X			
(h) ADEQUATE RECORDS MAINTAINED	X			

(I) RESULTS OF LATEST USEPA QUALITY ASSURANCE PERFORMANCE SAMPLING
PROGRAM DATE : 2011 X SATISFACTORY ___ MARGINAL ___ UNSATISFACTORY

COMMENTS/STATUS:

- DMR-QA study #31 indicated all test parameters were rated acceptable
- Performance Audit Inspection of your Lab facility is being scheduled for this year

Section J: Effluent/Receiving Water Observations

OUTFALL NO.	OIL SHEEN	GREASE	TURBIDITY	VISIBLE FOAM	VISIBLE FLOAT SOLIDS	COLOR	OTHER
001	--	--	--	--	--	Clear	

COMMENTS/STATUS:

Section K: Multimedia Observations

	Yes	No	N/A	N/E
(a) ARE THERE INDICATIONS OF SLOPPY HOUSEKEEPING OR POOR MAINTENANCE IN WORK AND STORAGE AREAS OR LABORATORIES	___	X	___	
(b) DO YOU NOTICE STAINING OR DISCOLORATION OF SOILS, PAVEMENT, OR FLOORS	___	X	___	
(c) DO YOU NOTICE DISTRESSED (UNHEALTHY, DISCOLORED, DEAD) VEGETATION	___	X	___	
(d) DO YOU SEE UNIDENTIFIED DARK SMOKE OR DUSTCLOUDS COMING FROM SOURCES OTHER THAN SMOKESTACKS	___	X	___	
(e) DO YOU NOTICE ANY UNUSUAL ODORS OR STRONG CHEMICAL SMELLS	___	X	___	
(f) DO YOU SEE ANY OPEN OR UNMARKED DRUMS, UNSECURED LIQUIDS, OR DAMAGED CONTAINMENT FACILITIES?	___	X	___	

IF ANY OF THE ABOVE ARE OBSERVED, ASK THE FOLLOWING QUESTIONS:

(1) WHAT IS THE CAUSE OF THE CONDITION?
(2) IS THE OBSERVED CONDITION OR SOURCE A WASTE PRODUCT?
(3) WHERE IS THE SUSPECTED CONTAMINANT NORMALLY DISPOSED?
(4) IS THIS DISPOSAL PERMITTED?
(5) HOW LONG HAS THE CONDITION EXISTED AND WHEN DID IT BEGIN?

COMMENTS/STATUS:

F. GUIDE - VISUAL OBSERVATION - UNIT PROCESS

158-R0035

RATING CODES: S = Satisfactory; U = Unsatisfactory; M = Marginal; IN = In Operation; OUT = Out of Operation

CONDITION OR APPEARANCE		RATING	COMMENTS
General	Grounds	S	
	Buildings	S	
	Potable Water Supply Protection	S	
	Safety Features	S	
	Bypasses (settled)	OUT	28 mgd and above the plant will bypass at Outfall 603
	Stormwater Overflows	OUT	
	Alternate Power Source	S	A portable standby generator is available as backup to dual feed system
Preliminary	Maintenance of Collection Systems	S	
	Pump Station	IN	3 screw pumps and 2 running
	Ventilation	-	
	Bar Screen	IN	2 units (1/4 inch)
	Disposal of Screenings	S	Landfill
	Comminutor	-	
	Grit Chamber	-	
	Disposal of Grit	-	
	Grease Seprator	IN	1 unit
Primary	Settling Tanks	IN	4 tanks; 2 in use
	Scum Removal	IN	
	Sludge Removal	IN	
	Effluent	S	
Sludge Disposal	Digesters	OUT	Use for sludge holding tanks
	Temperature and pH	-	
	Gas Production	-	
	Heating Equipment	-	
	Sludge Pumps	IN	3 RAS, 3 WAS, 4 thickners & 4 Raw
	Sludge holding Tank	IN	2 tanks & aerated tank in use (prior to the press)
	Sludge Thickener	IN	2 units
	Disposal of Sludge	M	Land application
	Sludge Press	IN	2 units; 1 running
	Sludge Storage	IN	
Other	Flow Meter and Recorder	IN	
	Records	S	
	Lab Controls	S	
	Chemical Treatment	IN	Polymer
Secondary-Tertiary List items as required	Oxidation Ditch	IN	All 4 in use
	Secondary Settling	IN	All 4 in use
	Tertiary Settling	IN	All 4 in use
	Blower	IN	3 units; 2 running
Disinfection	Effluent	S	Clear
	Disinfection System	OUT	
	Effective Dosage	-	
	Contact Time	-	
	Contact Tank	IN	4 units; all in use
	Dechlorination	OUT	
	Post Air	IN	

Get New Data

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PD00011*MD	July 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	2.12	7/24/2011
2PD00011*MD	September 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.35	9/21/2011
2PD00011*MD	June 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	3.81	6/11/2011
2PD00011*MD	May 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	3.55	5/28/2011
2PD00011*MD	May 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	1.36	5/27/2011
2PD00011*MD	May 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	1.48	5/26/2011
2PD00011*MD	May 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.96	5/15/2011
2PD00011*MD	May 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	1.82	5/5/2011
2PD00011*MD	May 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	.11	5/4/2011
2PD00011*MD	May 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	1.2	5/3/2011
2PD00011*MD	May 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	.98	5/2/2011
2PD00011*MD	October 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	3.82	10/22/2011
2PD00011*MD	October 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	.21	10/21/2011
2PD00011*MD	October 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	.	10/20/2011
2PD00011*MD	October 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	2.71	10/19/2011
2PD00011*MD	August 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.25	8/24/2011
2PD00011*MD	December 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	1.7	12/23/2011
2PD00011*MD	December 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	.51	12/22/2011
2PD00011*MD	December 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	2.51	12/21/2011
2PD00011*MD	December 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	3.	12/15/2011
2PD00011*MD	December 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.17	12/11/2011
2PD00011*MD	December 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.1	12/10/2011
2PD00011*MD	December 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.	12/9/2011
2PD00011*MD	December 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	1.2	12/8/2011
2PD00011*MD	December 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	.	12/7/2011
2PD00011*MD	December 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	1.91	12/6/2011
2PD00011*MD	December 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	1.91	12/5/2011
2PD00011*MD	December 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.82	12/4/2011
2PD00011*MD	December 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	4.37	12/3/2011
2PD00011*MD	December 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	.5	12/2/2011
2PD00011*MD	December 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	.	12/1/2011
2PD00011*MD	December 2011	001	00530	Total Suspended Solids	7D Qty	715	903.268	12/1/2011
2PD00011*MD	November 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	.	11/30/2011

2PD00011*MD	November 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	.	11/29/2011
2PD00011*MD	November 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	.79	11/28/2011
2PD00011*MD	November 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	3.85	11/17/2011
2PD00011*MD	November 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	1.25	11/16/2011
2PD00011*MD	November 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	.	11/15/2011
2PD00011*MD	November 2011	001	00530	Total Suspended Solids	7D Qty	715.	783.439	11/15/2011
2PD00011*MD	November 2011	001	00300	Dissolved Oxygen	1D Conc	5.0	.	11/14/2011
2PD00011*MD	January 2012	001	00300	Dissolved Oxygen	1D Conc	5.0	.	1/28/2012
2PD00011*MD	January 2012	001	00300	Dissolved Oxygen	1D Conc	5.0	.42	1/27/2012
2PD00011*MD	January 2012	001	00300	Dissolved Oxygen	1D Conc	5.0	1.63	1/26/2012