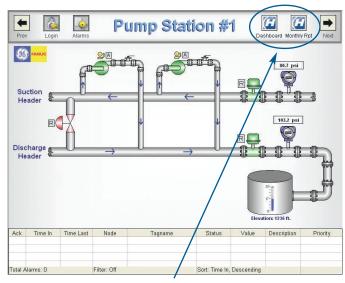
Hach Water Information Management Solution™ (Hach WIMS™) Seamlessly Integrates with GE Fanuc Intelligent Platforms Proficy HMI/SCADA iFIX.

Overview

Hach WIMS automatically captures data from Proficy Historian, combines it with lab, field and other data and securely stores it in a central database. Launch Hach WIMS directly from within the Proficy iFIX runtime environment with the new Water Solution Pack 2008 and use it to generate reports, enter operator log data and provide graphical visualization of data.



Automatically collect data from Proficy Historian
—combine with other data sources.



Launch Hach WIMS from Proficy iFix, and visualize large amounts of data as useful information: graphs, reports, etc.

Operators can quickly compare lab, SCADA and field data for troubleshooting and analysis with the touch of a button. Now, powerful water system information is readily available to plant personnel whether they are in front of the HMI/SCADA system, in the office or in the field. The software is configurable to your organization.

Save Time and Resources with Easy Data Access

Maintain data and reporting accuracy with no worries of typos, transcription errors or unapproved data. Data is either transferred electronically or entered manually, and made available to anyone with proper authorization, eliminating wasteful duplication and data corruption. Pre-defined and user-defined reports are available with a mouse click. Data consistency for all is assured since data is stored in a secure database. Authorized users always work with the source data which can be accessed from anywhere.

	Α	В	С	C D		F	G				
1											
2		OPERA	TOR DAILY L	_OG		Wednesday, June 09, 20					
3											
4			Finished Water Chlorine Residual (mg/L)			Finished Water pH (SU)					
5		Time	SCADA Readings	Operator Check		SCADA Readings	Operator Check				
7		Midnight	2.30	2.11		7.61	7.63				
8		1 am	2.40			7.62					
9		2 am	2.30			7.56					
10		3 am	2.30			7.54					
11		4 am	2.30	2.22		7.65	7.66				
12		5 am	2.30			7.60					
13		6 am	2.30			7.57					
14		7 am	2.30			7.51					
15		8 am	2.40	2.15		7.53	7.58				
16		9 am	2.40			7.54					
17		10 am	2.40			7.52					
18		11 am	2.50			7.50					
19		Noon	2.50	2.16		7.56	7.55				

The operator can easily add manual data points into Hach WIMS without leaving the Proficy iFIX environment.

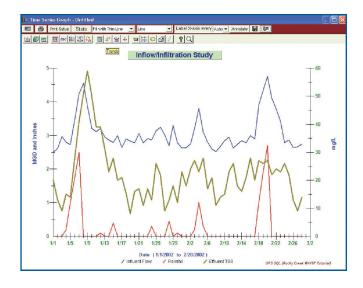


PERMITTEE NAME/ADDRES			NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)				COMBINED TREATED PROCESS (SUBR M5) Form Approved.						
Name Bocks Creek WW/TP			(2-16) (17-19) NM0057493 (001 A PERMIT NUMBER PISCHARGE NUMBER			F- FINAL MAJOR			OMB No.				
Hocky Creek, Willage													
	ot .										Approval expires		
4020 Peggy Rd SE						M	MUNICIPAL, NO PRE-TREATMENT *** NO DISCHARGE ***						
Rio Rancho NM 8712					-					***			
Facility Rocky Creek Wastew	rater I reatmer	it Plant	MONITORING PERIOD			NOTE: Read instructions before completing this form							
Location 1234 Lois Lane			YEAR MO DAY		MO DAY								
Attn: Clark Kent		FRE	OM 09 01 01	TO 09	01 31								
			(20-21) (22-23) (24-2)		(28-29) (30-31)				NO.				
		(3 Card Only)	(85-53) QUANTITY OR LOADING (85-53) (54-51)		(4 Card Only) QU (35-45)	(aLITY OR CONCENTRATION (a6-53)	TION (54-61)			PREQUENCY OF ANALYSIS	SAMPLE		
PARAVETER (32-37)		AVERAGE	MAXIMUM	LUNITS	MINIMUM	AVERAGE	MAXIMUM	LINITS	(62-63)	(84-88)	(89-70)		
******		100000000	7.0000000000000000000000000000000000000	Unita	VIV. (17.7)	200000000000000000000000000000000000000		20000		00.000	120.00		
BOD, 5-DAY	SAMPLE	10001	trees		215	20000	331	(19)	0	DAILY	CONT		
(20 DEG. C)	MEASUREME			880X				20 90					
00310 1 0 0	PERMIT		*****		REPORT	ORT	REPORT	MG/L		DAILY	CONT		
RAW SEW/INFLUENT	REQUIREME				DAILYMN		DAILY MX						
BOD, 5-DAY	SAMPLE	569	1,760	[26]		22	47	(19)	1	DAILY	CONT		
(20 DEG. C)	MEASUREME	NT		1									
00310 1 0 0	PERMIT	REPORT	REPORT	LBS/DAY	202166	30.00	45.00	MG/L		DAILY	CONT		
EFFLUENT GROSS VALUE	REQUIREME		DAILY MX			30DA AVG	DAILY MX	115,20021			20100		
PH	SAMPLE	*****	11001		6.3	10011	7.7	(12)	0	DAILY	GRAB		
	MEASUREME	NT		sec.				100 6					
00400 1 0 0	PREMIT	*****	25002	****	6.0	10021	8.0	SU		DAILY	GRAB		
EFFLUENT GROSS VALUE	REQUIREME	NT			DAILY MN		DAILY MX						
SOLIDS, TOTAL	SAMPLE	10001	12003		109801	208	306	(19)	0	DAILY	CONT		
SUSPENDED	MEASUREME	NT		RECK		4,000.00			00000	100000			
00530 1 0 0	PERMIT	10003	25003	PER	XXXXXX	REPORT	REPORT	MG/L		DAILY	CONT		
BAW SEW/INFLUENT	REQUIREME	NT				30DA AVG	DAILY MX						
SOLIDS: TOTAL	SAMPLE	554	1.910	[26]	xxxxx	21	51	[19]	1	DAILY	CONT		
SLISPENDED	MEASUREME		1,010	(40)		200		(10)	- 60				
00530 1 0 0	PERMIT	REPORT	REPORT	LBS/DAY	XXXXXX	30	45	MG/I		DAILA	CONT		
EFFLUENT GROSS VALUE	REQUIREME		DAILY MX	100.000		30DA AVG	DAILY MX				00111		
FLOW IN CONDUIT OR	SAMPLE	2 94	4 49	[03]	******	300000	DMILI MA		0	DAILY	CONT		
THRU TREATMENT PLANT	UREME		1.10	1				59.EE			1		
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BOD 5-DAY PERCENT	SAMPLE	10001	10003		79 57	10031	1937.00	(23)	3	DAILY	CALC		
REMOVAL	MEASUREMENT			EEC	15.57	_		(23)	3	DWILI	CALC		
81010 K 0 0	PERMIT	******	******		85.00	*****		PER		DAILY	CALC		
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THE ON PHINIED	\$10,000 AND OR HANDESS DO	OR HOLDERY DEPOTEDMENT OF RETHERN 6 HONTHS AND 8 YEARS.)			OFFICER OR AUTHORIZED AGENT			1.000		- DA			

Turn Data into Information

Leverage your Proficy Historian investment by turning the massive amounts of raw data into useful information. Many tags or variables have up to 86,000 values per day and typically only summary data is required for reporting and analysis. To see the overall operation, a combination of data from sources like SCADA, LIMS, commercials labs, in-house labs, outside agencies like the EPA or USGS and the field is required.

Hach WIMS combines SCADA, lab, field and outside agency data into useful information to create a more complete picture of your system.

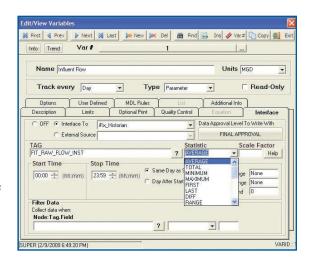


Simplify Tasks

The combination of Proficy iFIX with the Water Solution Pack 2008, Hach WIMS and the Proficy Historian simplifies informed decision-making with easy access to accurate information. These powerful tools simplify the set up tasks for fast start up and streamline your overall operations.

For any variable, pick the tag and the summary statistic. The Proficy Historian enables data collection at different collection intervals of milliseconds, seconds, minutes, etc. Hach WIMS will group data by minutes, hours, days, months, years, etc. as needed for reporting and analysis.

A forms driven interface streamlines the set up of the variable definition from Proficy Historian.



For more information on Hach WIMS, please call 1-800-677-0067 or 505-892-6700 or visit: www.hach.com/wims

