Winter Haven Pipe Pl January 2010 Permit Number 1050388-003-AO

VOC and HAP CALCULATIONS

Type	Supplier	Product	Quantity Gallons	Specific Gravity	Density Water #/gal	Product Density #/gal	g/l VOC	%VOC	#VOC per Gal	# VOC Total	% Toluene	# Toluene per Gal	# Toluene Total	% Xylene	# Xylene per Gal	# Xylene Total	% Ethyl-Benzene	# Ethyl Benzene per Gal	# Ethyl Benzene Total	% Polycyclic Aromatic compounds	% Polycyclic Aromatic compounds per Gal	% Polycyclic Aromatic compounds Total	% Tetrachloroethylene	# Tetrachloroethylene per Gal	# Tetrachloroethylene Total	% Dichloromethane	# Dichloromethane per Gal	# Dichloromethane Total
Liquid	Strong Products	SP-CR Release	890.00	1	8.35	8.35	219.1	21.91192	1.82854936	1,810.25																		
Liquid	Aerovos	Spray Paint	20.25	0.727	8.35	6.07	544	74.83461	4.54007692	91.94				10%	0.607045	12.29266	5%	0.303523	6.146331										
Liquid	Used Form Oil Disposal	Form Oil	620.00	1	8.35	8.35		0	0	0.00																		
Liquid	BASF	Acryl 60	180.00	1.04	8.35	8.68	1	0.096162	0.00834573	1.50																		
Liquid	CRC Industries	Natural Degreaser	8.56	0.918	8.35	7.67	176.3	19.20647	1.47135213	8.68																		
January 2010	TOTALS								# VOC 1,913.36 Ton VOC 0.956679			# Toluene 0 Ton Toluene 0			# Xylene 12.29266 Ton Xylene 0.006146			# Ethyl Benzene 6.146331 Ton Ethyl Benzene 0.003073			# PAC 0 Ton PAC 0			# Tetrachloroethylene 0 Ton Tetrachloroethylene 0			# Dichloromethane 0 Ton Dichloromethane 0	
Rolling Twelve-Month	TOTALS								# VOC 12,011.27 Ton VOC 6.005635			# Toluene 2.48 Ton Toluene 0.00124			# Xylene 183.03 Ton Xylene 0.091514			# Ethyl Benzene 85.50 Ton Ethyl Benzene 0.042751			# PAC 2.67 Ton PAC 0.001336			# Tetrachloroethylene 6.28 Ton Tetrachloroethylene 0.003126982			# Dichloromethane 11.26 Ton Dichloromethane 0.005632023	

VOC / HAP CALCULATIONS
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EMITTED VOC		
January 2010	# VOC Ton VOC	1,913.36 0.95
Rolling Twelve-Month Total	# VOC Ton VOC	12,011.27 6.01
EMITTED HAP		
January 2010	# HAP Ton HAP	18.44 0.01
Rolling Twelve-Month Total	# HAP Ton HAP	288.53 0.14
CEMENT & CEMENT SUPPLEMENT USAGE		
January 2010	Ton Cement	800.84
Rolling Twelve-Month Total	Ton Cement	9756.25
January 2010	Ton Cement Supplement	81.65
Rolling Twelve-Month Total	Ton Cement Supplement	1102.11
OPERATING HOURS		
January 2010	Hours	160
Rolling Twelve-Month Total	Hours	2008

FESOP VOC LIMITATION OF 90.0 TONS
FESOP TOTAL HAP LIMITATION OF 20.00 TONS
FESOP SINGLE HAP LIMITATION OF 8.0 TONS
THE FACILITY IS PERMITTED TO OPERATE CONTINUOSLY (8760 HOURS).
EU001 CONCRETE BATCHING EXEMPT FROM VE, NOT AOR

Winter Haven Pipe Plant
January
2010

VOCs Below 95% of SOP Emission Limit (90.0 Tons)
Total HAPs Below 95% of SOP Emission Limit (20.0 Tons)
Single HAP Below 95% of SOP Emission Limit (8.0 Tons)

Reviewed By Plant Manager