

ENVIRONMENTALIST II REQUIREMENTS SCHEDULE

INSTALLATION

SUPPLIED BY RYKO SUPPLIED BY CONTRACTOR

ELECTRICAL:	
ENVIRONMENTALIST II ELECTRICAL BOX (LOCATED INSIDE PUMPING ASSEMBLY)	CONDUIT WIRES FOR CONDUIT PULL WIRES FUSED DISCONNECT TO CONTROL PANEL
WATER:	
WASH AND RINSE WATER HOSES TO RYKO WASH	WATER LINE FROM ON SITE WATER SUPPLY TO PUMPING ASSEMBLY PIPE FROM TANK TO PUMPING ASSEMBLY FOOT VALVE AND STRAINER SUCTION LINE FROM FIT TO PUMPING ASSEMBLY
MECHANICAL:	
POSITION PUMPING ASSEMBLY CONNECTION TO CUSTOMER-PROVIDED UTILITIES SYSTEM START-UP TEST AND ADJUST SYSTEM	DRAINAGE FIT UNDERGROUND TANKS MANHOLE ACCESS TO TANKS FREEZE PROTECTION FOR SYSTEM FLOOR DRAIN SAND TRAP

UTILITY REQUIREMENTS

The General Contractor shall be responsible for providing utilities as listed below. (List is for minimum requirements).

ELECTRIC:	Three phase	200V or 230V, 60 Hz, 15 amps
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WATER:
3/4 inch service, 40 psi at 15 gpm minimum. There should be no restrictions in the service line.

MECHANICAL:
General Contractor shall provide two 1500 gallon underground tanks and all related piping as shown on plans or specified by Ryko.

ENVIRONMENTALIST II INSTALLATION TASKS

The following tasks must be completed before installation of the Environmentalist II Water Reclaim System:

ELECTRICAL:
General Contractor shall provide electrical service to the Environmentalist II in addition to the standard electrical service for the Ryko-wash unit. General Contractor furnishes all conduit and the wires for each conduit. The Contractor also supplies four #14 AWG wires from the wash bay terminal box to the Environmentalist II electrical box located inside the pumping assembly. Electrical service to the Environmentalist II cannot be run until the pumping assembly has been positioned by the Ryko representative.

Typical bay layout drawings are supplied by Ryko to demonstrate possible tank placement, dimensions and locations.


WATER:

General Contractor shall run the water line from the on-site source to the Environmentalist II pumping assembly. The Contractor also supplies a 2 inch pipe from the second underground tank to the pumping assembly. This pipe must be equipped with a foot valve and strainer located inside the tank 1 ft. 6 in. from the bottom of the tank. A distance of 8 ft. or less from the foot valve to the surface of the wash bay floor is recommended. The pipe should emerge from the floor as close as possible to the Environmentalist II pumping assembly. The vertical draw should not exceed 16 ft.

MECHANICAL:

General Contractor shall supply and install the drainage pit and two 1500 gallon underground tanks. The tanks must be sealed and tested for leakage before installation of the Environmentalist II Water Reclaim System. The Contractor shall also provide a manhole access to each tank to facilitate cleaning and flushing of the tanks, foot valve and strainer. The Ryko representative will position the Environmentalist II pumping assembly.

General Contractor shall supply the floor drain and sand trap in accordance with local and state regulations.

Date		No.		Revisions		By	
							
ENVIRONMENTALIST II INSTALLATION DETAILS							
Scale				District			
Drawn By				Date			
Checked By				No. CW-5			
Approved				Do not scale, use dimensions only			