



Project Profile

VOC Removal

Montgomery Watson



Layne designed and fabricated three (3) identical 9.55' diameter x 38'-3" high air stripping towers to treat potable water at the Arizona-American Water Company's Miller Road Treatment Facility. Each air stripping tower shell was fabricated from structural grade aluminum. The interior aluminum surfaces of the tower shells were coated with high build epoxy paint. The entire air stripping system is located inside the treatment facility, including access ladders and platforms, and the air handling systems and process ductwork. Each air stripper is equipped with a dedicated blower sized to produce 11,300 CFM via a 100 HP motor. Layne provided aluminum ductwork and in-line electric air heaters to convey the exhaust air from the air stripping towers to vapor phase granular activated carbon adsorbers provided by others.

Owner:

Arizona American Water
Company
Scottsdale, AZ

Site Location:

Miller Road Treatment Facility
Scottsdale, AZ

Process Design:

2100 GPM per Tower, 99.75 TCE
Removal

Design Application:

(3) Model No.PCS-115.28 CA Air
Stripping Towers

Year Installed:

1996



Layne Christensen Company

West...800-336-5374
Central...800-407-4449
East...800-269-4590
South...800-356-3824

www.laynechristensen.com