



## NICHOLAS YBARRA<sup>PE</sup>

### Title

Associate  
Solid Waste Engineer

### Licenses/Certifications

Professional Engineer I TX  
TCEQ Class A MSW Operator License

### Years of Experience

8

### Education

Master of Engineering  
Civil Engineering (Water Resources)  
Texas A&M University  
2008

Bachelor of Science  
Civil Engineering (Water Resources)  
Texas A&M University  
2006

Nicholas Ybarra is an Associate of the Firm and a Project Manager for the Solid Waste Team in PSC's Public Works Sector. Throughout his tenure with PSC, Nick has worked on drainage studies, landfill design, site/civil development, and construction management, as well as serving as a Resident Project Representative. In October 2010, Nick began working with PSC's solid waste sector with a focus on waste cell construction, water balance cover analysis and design, site drainage, and permitting. Nick has also been involved in design and construction of the access roadways, public drop-off areas, weigh scales, restroom facilities and cell closures at municipal solid waste (MSW) facilities. He is a member of the American Society of Civil Engineers and is licensed as a Class A MSW Operator.

### Professional Affiliations

Current Member – TxSWANA  
Current Member – ASCE

### Papers Presented / Honors

TxSWANA Annual Conference in Lubbock, Texas / April 15-17, 2013 / Construction of a Water Balance Alternative Final Cover for Municipal Solid Waste Facilities

### Relevant Experience

- **Solid Waste Cell Construction Projects** - Mr. Ybarra has become experienced in landfill cell and liner system construction. He has performed third party construction quality assurance for two projects totaling over 2,400,000-SF. Mr. Ybarra has overseen installation of liner systems which include geosynthetic clay liners, geomembrane liners, and leachate collection systems. His involvement has included all aspects of liner installation including sample collection, liner test analysis, and report preparation.
- **TCEQ MSW Water Balance Alternative Final Cover Design** - Since 2010, Mr. Ybarra has become proficient in the design and permitting of Water Balance Alternative Final Covers (WBAFC) and adept in the use of the UNSAT-H modeling software. He has also gained experience in providing third party construction quality assurance in the field during construction of the closure of a 155 acre site in El Paso.
- **Miscellaneous Solid Waste Construction Projects** - Improvement projects at MSW landfills are necessary on a continuous basis, to ensure operations run efficiently. Projects have varied to include the design and construction of a citizens' collection station to the construction of a new entrance road and scale. Mr. Ybarra has also served as a design professional for numerous solid waste construction projects at sites in west Texas.
- **Solid Waste Permit Modifications** - Many of the construction projects shown above require modifications to a facility's permit prior to being constructed. Mr. Ybarra has prepared various permit documents during his tenure at PSC ranging from small groundwater permit modifications to the more-involved major permit amendments.

CK Disposal, LLC  
Applicant's Exhibit B  
NMOCD Case No. 15617  
Feb. 8-10, 2017