### Exhibit B

Mitigation Measure	Implementation Procedure	Monitoring Responsibility	Monitoring / Reporting Action & Schedule	Monitoring Compliance Record (Name/Date)
<ul> <li>Mitigation Measure EPA-1: Off-alignment Staging Area Constraints</li> <li>Napa Sanitation District will ensure that off-alignment construction staging areas meet the following qualifications:</li> <li>Staging areas will not occur within 100 feet of sensitive receptors. Sensitive receptors may include residences, overnight health care facilities, and schools.</li> <li>Staging will not occur where there are jurisdictional wetlands or habitat for special-status species. Prior to designating a staging area, the NSD will ensure that wetland and habitat surveys are conducted by qualified biologists. Staging areas that are entirely paved, compacted, or maintained landscaped areas are not subject to this measure.</li> <li>Staging will protect trees.</li> <li>Staging will not occur where known archaeological or historic resources have been previously identified. Prior to designating a staging area, the NSD will conduct an archival records search with the Northwest Information Center to identify known archaeological resources within the vicinity of the project facility. Staging areas that are entirely paved and that would not be excavated are not subject to this measure.</li> <li>Staging areas located in a floodplain shall not include fuelling areas or storage areas for chemicals or hazardous substances between October 1 and April 30.</li> <li>Staging will consider the parking needed for public recreational facilities.</li> </ul>	Incorporate into specifications.	Napa Sanitation District	Verify in 90% plan set.  Verify all staging areas identified meet qualifications.	
Mitigation Measure EPA-2: Geotechnical Design  As part of the project design process, the NSD has engaged a California- registered Geotechnical Engineer to conduct a design-level geotechnical study for the project. The NSD will design the project to comply with the site-specific recommendations made in the project's geotechnical report. This will include design in accordance with the seismic and foundation design criteria, as well as site preparation and grading recommendations included in the report. The geotechnical recommendations will be incorporated into the final plans and specifications for the project, and will be implemented during construction.	Conduct design-level geotechnical study. Incorporate geotechnical study recommendation into specifications.	Napa Sanitation District	Verify all geotechnical study design recommendations are incorporated in 90% plan set.	

Mitigation Measure	Implementation Procedure	Monitoring Responsibility	Monitoring / Reporting Action & Schedule	Monitoring Compliance Record (Name/Date)
Mitigation Measure EPA-3: BAAQMD Basic Construction Measures	Incorporate	Napa	Verify in 90% plan	
To limit dust, criteria pollutants, and precursor emissions associated with the construction activity, NSD will include the following Bay Area Air Quality Management District (BAAQMD) recommended Basic Construction Measures in all construction contract specifications for the project:	BAAQMD recommended Basic Construction Measures into	Sanitation District	set. Check daily for	
<ul> <li>All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas and unpaved access roads) shall be watered two times per day;</li> </ul>	specifications.		jobsite compliance.	
<ul> <li>All haul trucks transporting soil, sand, or other loose material off-site shall be covered or shall have at least two feet of freeboard;</li> </ul>				
<ul> <li>All visible mud or dirt tracked-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping shall be prohibited;</li> </ul>				
All vehicle speeds on unpaved areas shall be limited to 15 miles per hour;				
<ul> <li>All paving shall be completed as soon as possible after trenching work is finished;</li> </ul>				
Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to five minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations). Clear signage shall be provided for construction workers at all access points;				
<ul> <li>All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation;</li> </ul>				
<ul> <li>A publicly visible sign shall be posted with the telephone number and person to contact at NSD regarding dust complaints. This person shall respond and take corrective action within 48 hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations.</li> </ul>				

Mitigation Measure	Implementation Procedure	Monitoring Responsibility	Monitoring / Reporting Action & Schedule	Monitoring Compliance Record (Name/Date)
Mitigation Measure AES-1: Trenching Techniques to Minimize Tree Loss	Incorporate into specifications.	Napa Sanitation	Verify in 90% plan set.	
The NSD shall retain a certified arborist to develop special trenching and pruning techniques to minimize the potential for tree impacts and tree loss along the alignment. The contractor shall implement such techniques. Construction activities within the dripline of trees adjacent to trenches shall be avoided to the extent feasible during construction. Pruning of trees shall be completed by either a certified arborist or by the contractor under supervision of either an International Society of Arboriculture qualified arborist, American Society of Consulting Arborists consulting arborist, or a qualified horticulturalist. Pruning shall be completed to the minimum degree necessary to accommodate construction vehicles and in a manner that helps preserve tree health. If trees are damaged or lost, trees shall be replaced in accordance with the City of Napa Municipal Code. To the extent allowable, replacement trees shall be planted onsite. The NSD shall ensure that plantings will be monitored annually for five years after project completion to ensure that the replacement planting(s) has developed and that the trees survive	Identify trees which may be affected by construction activities in 90% plan set.	District	Monitor once per week during pipeline construction.  Verify success of replacement plantings annually for five years after project completion.	
Mitigation Measure AES-2: Avoid Glare and Light Trespass from Nighttime Construction Lighting	Incorporate into specifications.	Napa Sanitation	Verify in 90% plan set.	
The NSD shall prepare and implement a Nighttime Construction Lighting Plan for any nighttime work so as to avoid glare that would be a hazard to vehicles and to avoid light trespass onto adjacent residential uses. The lighting plan shall be developed to guide the use of lighting during project construction in such a way as to effectively light the work area while limiting light spill onto adjoining property. The Plan shall adequately describe the work including, but not be limited to, the layout of lighting equipment necessary for all work to be completed at night and descriptions of hardware, including hoods, louvers, shields or other means to be used to control glare and light trespass onto adjoining property. Lighting systems with flood, spot, or stadium type luminaires shall be aimed downward at the work. The recommendations contained in the Nighttime Construction Lighting Plan shall be incorporated into the final plans and specifications for the project and implemented during construction.	Prepare Nighttime Construction Lighting Plan.	District	Verify compliance with Nighttime Construction Lighting Plan prior to any work that requires lighting.	

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<ul> <li>Mitigation Measure BIO-1: Prevent Disturbance to Nesting Birds</li> <li>The NSD or their contractor(s) shall ensure that the following mitigation will be followed in order to avoid or minimize potential impacts to passerines and raptors that may potentially nest in the trees: <ul> <li>Grading or removal of vegetation or nesting trees should be conducted outside the nesting season, which generally occurs between approximately March 1 and August 15, if feasible. Because some bird species nest in grassy and/or shrubby areas, it would be advantageous to remove any trees or vegetation during the non-nesting season.</li> <li>If grading or vegetation removal between August 15 and March 1 is not feasible and groundbreaking must occur within the nesting season, a preconstruction nesting bird (both passerine and raptor) survey of the grasslands and adjacent trees shall be performed by a qualified biologist within seven days prior to ground breaking. If no nesting birds are observed no further action is required and grading shall occur within one week of the survey to prevent disturbance of individual birds that could begin nesting after the survey. Surveys shall be conducted in advance of installation of dewatering wells.</li> <li>If active bird nests (either passerine and/or raptor) are observed during the pre-construction survey, a disturbance-free buffer zone shall be established around the nest tree(s) until the young have fledged, as determined by a qualified biologist.</li> <li>The radius of the required buffer zone can vary depending on the species, (e.g., 75-100 feet for passerines and 200-300 feet for raptors), with the dimensions of any required buffer zones to be determined by a qualified biologist in consultation with CDFW.</li> <li>To delineate the buffer zone around a nesting tree, orange construction</li> </ul> </li> </ul>	Incorporate into specifications If not feasible to remove vegetation between 8/15 and 3/1, perform bird nest survey within one week prior to start of construction	Napa Sanitation District		
fencing shall be placed at the specified radius from the base of the tree within which no machinery or workers shall intrude.  • After the fencing is in place there will be no restrictions on grading or construction activities outside the prescribed buffer zones.				

Mitigation Measure	Implementation Procedure	Monitoring Responsibility	Monitoring / Reporting Action & Schedule	Monitoring Compliance Record (Name/Date)
Prior to construction, the NSD shall have a Bat Habitat Assessment conducted by a qualified biologist. The Habitat Assessment shall evaluate the trees to be removed that have a breast height diameter greater than 10 inches. The Habitat Assessment shall evaluate the trees for suitable entry points and roost features, and shall provide focused daytime surveys for day-roosting bats. If a pallid bat species is found, or if suspected day roosts for special-status bats are identified, then the Habitat Assessment shall identify suitable performance measures for avoiding impacts as follows:  (a) Preconstruction Surveys:  All trees and structures suitable for use by bats shall be surveyed for signs of bats prior to project activities.  (b) Avoidance Measures:  If bats are discovered during the surveys, then a buffer of 100 to 150 feet shall be maintained.  The optimal time to remove trees is September 15 through October 15, when young would be capable of flying, and between February 15 to April 1 to avoid hibernating bats and prior to formation of maternity sites.  If flushing of bats is necessary, it shall be done by a biologist during the non-breeding season from October 1 to March 31. When flushing bats, structures and/or trees shall be removed carefully to avoid harming individuals, and torpid bats given time to completely arouse and fly away.  During the maternity season from April 1 to September 30, prior to construction, a qualified biologist shall determine if a bat nursery is present at any sites identified as potentially housing bats.	Incorporate into specifications.  Conduct Bat Habitat Assessment.  Conduct, if necessary, suitable actions for avoiding impacts.	Napa Sanitation District	Verify in 90% plan set and conduct surveys / assessments as noted.	

Mitigation Measure	Implementation Procedure	Monitoring Responsibility	Monitoring / Reporting Action & Schedule	Monitoring Compliance Record (Name/Date)
Mitigation Measure CR-1: Avoid Loss of Street Trees on Historic Properties The NSD shall avoid loss of street trees over 10" in diameter that occur along the pipeline alignment on the frontage of historic properties listed on the City of Napa's Combined Historic Resources List. Avoidance can be achieved by mitigating the impact of trenching near the tree, using alternative equipment, by moving the pipeline alignment, or other effective measures.	Incorporate into specifications.  Identify trees on frontage of historic properties listed on the Combined Historic Resources List.	Napa Sanitation District	Verify in 90% plan set.  Confirm, prior to construction, that sufficient actions have been implemented to avoid impacts to identified trees.	
Mitigation Measure CR-2: Protect Archaeological and Tribal Cultural Resources during Construction Activities In the event that any subsurface archaeological features or deposits, including locally darkened soil, or tribal cultural resources are discovered during construction-related earth-moving activities, the NSD shall halt all ground-disturbing activity in the vicinity of the resources and a qualified professional archaeologist shall be retained to evaluate the find and the appropriate tribal representative(s) shall be notified. If the find is determined to constitute either an historical resource or a unique archaeological resource per CEQA Guidelines sections 15064.5, the archaeologist shall develop appropriate mitigation to protect the integrity of the resource and ensure that no additional resources are affected. Mitigation could include but would not necessarily be limited to avoidance, preservation in place, archival research, subsurface testing, or excavation and data recovery.	Incorporate into specifications.	Napa Sanitation District	Verify in 90% plan set.	
Mitigation Measure CR-3: Coordinate with Yocha Dehe Wintun Nation Tribe regarding Tribal Cultural Resources  The NSD shall coordinate with the Yocha Dehe Wintun Nation Tribe regarding their recommendation for monitoring of tribal cultural resources during construction.	NSD and Tribe shall coordinate on need for monitoring prior to construction.	Napa Sanitation District	Native American monitoring shall occur as agreed.	

Mitigation Measure	Implementation Procedure	Monitoring Responsibility	Monitoring / Reporting Action & Schedule	Monitoring Compliance Record (Name/Date)
Mitigation Measure CR-5: Protect Paleontological Resources during Construction Activities  In the event that any vertebrate fossils are encountered during construction, all ground disturbing activities within 50 feet of the find shall be temporarily halted, and a qualified paleontologist shall be notified to document the discovery as needed, to evaluate the potential resource, and to assess the nature and significance of the find. Based on the scientific value or uniqueness of the find, the paleontologist may record the find and allow work to continue, or recommend salvage and recovery of the material, if it is determined that the find cannot be avoided. The paleontologist shall make recommendations for any necessary treatment that is consistent with currently accepted scientific practices. Any fossils collected from the area shall then be deposited in an accredited and permanent scientific institution where they will be properly curated and preserved.	Incorporate into specifications.	Napa Sanitation District	Verify in 90% plan set.	
Mitigation Measure CR-6: Protect Human Remains if Encountered during Construction  The NSD shall immediately notify the Napa County Coroner should human remains, associated grave goods, or items of cultural patrimony be encountered during construction, and the following procedures shall be followed as required by Public Resources Code § 5097.9 and Health and Safety Code § 7050.5. In the event of the coroner's determination that the human remains are Native American, notification of the Native American Heritage Commission, which would appoint a Most Likely Descendant (MLD). A qualified archaeologist, the NSD and the MLD shall make all reasonable efforts to develop an agreement for the treatment, with appropriate dignity, of any human remains and associated or unassociated funerary objects. The agreement would take into consideration the appropriate excavation, removal, recordation, analysis, custodianship, and final disposition of the human remains and associated or unassociated funerary objects.	Incorporate into specifications.	Napa Sanitation District	Verify in 90% plan set.	

Mitigation Measure	Implementation Procedure	Monitoring Responsibility	Monitoring / Reporting Action & Schedule	Monitoring Compliance Record (Name/Date)
<ul> <li>Mitigation Measure HAZ-1: Handling and Disposal of Hazardous Wastes         The NSD and its contractor shall prepare and implement a Soil and Groundwater Management Plan for excavation and dewatering activities. Elements of the Soil and Groundwater Management Plan shall include, but would not necessarily be limited to, the following:     </li> <li>Measures to address hazardous materials and other worker health and safety issues during construction, including the specific level of protection required for construction workers. This shall include preparation of a site-specific health and safety plan in accordance with federal OSHA regulations (29 CFR 1910.120) and Cal-OSHA regulations (8 CCR Title 8, Section 5192) to address worker health and safety issues during construction.</li> <li>Monitoring of excavation activities in the vicinity of former underground storage tank sites for soil and groundwater contamination. Monitoring shall include, at minimum, visual and organic vapor monitoring by personnel with appropriate hazardous materials training, including 40 hours of Hazardous Waste Operations and Emergency Response (HAZWOPER) training. If visual or organic vapor monitoring indicates signs of suspected contaminated soil, then soil and groundwater samples shall be collected and analyzed to characterize soil and water quality.</li> <li>In the vicinity of hazardous materials/waste release sites, groundwater brought to the surface as a result of construction dewatering shall be handled in a manner appropriate to the construction-related permits for dewatering. If contamination is suspected or noted during the construction phase, then the groundwater shall be containerized and analyzed for contamination by a laboratory, certified by the California Environmental Protection Agency (CalEPA) Environmental Laboratory Accreditation Program (ELAP), using United States Environmental Protection Agency (USEPA)-approved analytical methods. Where contaminated groundwater is encountered, precaution</li></ul>	Incorporate into specifications.  Prepare Soil and Groundwater Management Plan prior to construction.	Napa Sanitation District	Verify in 90% plan set.  Monitor weekly during trenching phase.	

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All potentially contaminated materials encountered during Project construction activities shall be evaluated in the context of applicable local, state and federal regulations and/or guidelines governing hazardous waste. All materials deemed to be hazardous shall be remediated and/or disposed of following applicable regulatory agency regulations and/or guidelines. Disposal sites for both remediated and non-remediated soils shall be identified prior to beginning construction. Management of these sites shall be documented in a Material Management Plan acceptable to applicable agencies. All evaluation, remediation, treatment, and/or disposal of hazardous waste shall be supervised and documented by qualified hazardous waste personnel.				
Mitigation Measure HWQ-1: Manage Construction Storm Water  The NSD and/or its contractor shall obtain coverage under State Water Resources Control Board Order No. 2009-0009-DWQ, Waste Discharge Requirements for Discharges of Storm Water Runoff Associated with Construction and Land Disturbance Activities, as amended by Order No. 2012- 0006. The NSD shall submit permit registration documents (notice of intent, risk assessment, site maps, Storm Water Pollution Prevention Plan, annual fee, and certifications) to the State Water Resources Control Board. The Storm Water Pollution Prevention Plan shall address pollutant sources, drilling fluids, non- storm water discharges resulting from construction dewatering, best management practices, and other requirements specified in the above- mentioned Order. The Storm Water Pollution Prevention Plan shall also include dust control practices to prevent wind erosion, sediment tracking, and dust generation by construction equipment. A Qualified Storm Water Pollution Prevention Plan Practitioner shall oversee implementation of the Plan, including visual inspections, sampling and analysis, and ensuring overall compliance.	Incorporate into specifications.  Prepare SWPPP and permit registration documents prior to construction.	Napa Sanitation District	Verify in 90% plan set.  Confirm SWPPP meets State Board requirements.	

Mitigation Measure	Implementation Procedure	Monitoring Responsibility	Monitoring / Reporting Action & Schedule	Monitoring Compliance Record (Name/Date)
<ul> <li>Mitigation Measure NO-1. Reduce Construction Noise Levels</li> <li>The NSD and its contractor shall ensure that noise levels during construction, including construction staging areas, do not exceed the following performance standards: <ul> <li>an exterior noise level of 70 dBA Leq at school classrooms while school is in session between 7 am and 5 pm.</li> <li>an exterior noise level of 60 dBA Leq at residential buildings between 10 pm and 7 am.</li> </ul> </li> <li>The contractor will determine the specific methods to meet the performance standards provided above. Specific measures that can be feasibly implemented to comply with these performance standards include, but are not limited to, the following:</li> <li>Best available noise control practices (including mufflers, intake silencers, ducts, engine enclosures, and acoustically attenuating shields or shrouds) shall be used for all equipment and trucks in order to minimize construction noise impacts.</li> <li>If impact equipment (e.g., jack hammers, pile drivers) is needed during project construction, hydraulically or electric-powered equipment shall be used wherever feasible to avoid the noise associated with compressed-air exhaust from pneumatically powered tools. However, where use of pneumatically powered tools is unavoidable, an exhaust muffler on the compressed-air exhaust shall be used. External jackets on the tools themselves shall also be used if available and feasible.</li> <li>To the extent consistent with applicable regulations and safety considerations, operation of vehicles requiring use of back-up beepers shall be avoided near sensitive receptors during nighttime hours and/or, the work sites shall be arranged in a way that avoids the need for any reverse motions of large trucks or the sounding of any reverse motion alarms during nighttime hours with reverse motion alarms must be outfitted with SAE J994 Class D alarms (ambient-adjusting, or "smart alarms" that automatically adjust the alarm to 5 dBA above the ambient near the operating</li></ul>	Incorporate into specifications.  Ensure qualified noise expert reviews Contractor's methods for compliance and confirms methods are adequate to meet performance standard.  Notify adjacent sensitive receptors	Napa Sanitation District	Verify in 90% plan set.  Monitor noise levels weekly during primary construction phases.  Respond to neighbour complaints within 2 business days.	

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Stationary noise sources shall be located as far from sensitive noise receptors as feasible. If they must be located near receptors, adequate muffling (with enclosures where feasible and appropriate) shall be used. Enclosure openings or venting shall face away from sensitive noise receptors.				
<ul> <li>A designated project liaison shall be responsible for responding to noise complaints during the construction phases. The name and phone number of the liaison shall be conspicuously posted at construction areas and on all advanced notifications. This person shall take steps to resolve complaints, including periodic noise monitoring, if necessary. Results of noise monitoring shall be presented at regular project meetings with the contractor. The liaison shall coordinate with the contractor to modify any construction activities that generate noise levels above the levels identified in the performance standards listed in this measure.</li> </ul>				
<ul> <li>A reporting program shall be required that documents complaints received, actions taken to resolve problems, and effectiveness of these actions.</li> </ul>				
<ul> <li>Locate equipment at the work area to maximize the distance to noise- sensitive receptors, and to take advantage of any shielding that may be provided by other on-site equipment.</li> </ul>				
Operate the equipment mindful of the residential uses nearby, especially during the nighttime hours.				
Maintain respectful and orderly conduct among workers, including worker conversation noise during the nighttime hours.				
<ul> <li>Maintain the equipment properly to minimize extraneous noise due to squeaking or rubbing machinery parts, damaged mufflers, or misfiring engines.</li> </ul>				
<ul> <li>Provide advance notice to nearby residents prior to starting work at each work site, with information regarding anticipated schedule, hours of operation and a project contact person.</li> </ul>				
<ul> <li>Provide a minimum 24-hour advance notice to residents within 250 feet of nighttime work.</li> </ul>				
Schedule work and deliveries to minimize noise-generating activities during nighttime hours at work sites (e.g., no deliveries or non-essential work).				

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<ul> <li>Utilize a temporary noise barrier placed as close to the receptor (e.g., along the residential property line) or to the work site (e.g., as close as 15 to 20 feet from the loudest generating activity area) as possible.</li> </ul>				
Utilize sound blankets.				
Limit the type of construction and construction traffic during the hours of 10 p.m. to 7 a.m. to that which can meet the performance standard.				
<ul> <li>Offer hotel vouchers to residents who are subject to noise levels in their dwelling from nighttime construction that are measured to exceed the performance standard, even with implementation of all feasible noise reduction actions, such as those listed here.</li> </ul>				
<ul> <li>Coordinate with nearby schools to schedule construction while school is not in session or limit the type of construction during school hours to that which can meet the performance standard.</li> </ul>				
Mitigation Measure TR-1: Notify Emergency Responders and Maintain Emergency Access	Incorporate into specifications.	Napa Sanitation	Verify in 90% plan set.	
The NSD and its contractor(s) shall implement the following measures:	Notify Emergency	District		
<ul> <li>Access to driveways and private roads shall be maintained, as feasible, by using steel trench plates. If access must be restricted for brief periods (more than one hour), property owners shall be notified by NSD in advance of such closures.</li> </ul>	Responders and property owners and occupants whose driveways			
<ul> <li>At locations where the main access to a nearby property is blocked, NSD shall be required to have ready at all times the means necessary to accommodate access by emergency vehicles to such properties, such as plating over excavations, short detours, and/or alternate routes.</li> </ul>	may be blocked.			
<ul> <li>Construction shall be coordinated with emergency service providers and administrators of land uses that may be more significantly affected by traffic impacts, such as police and fire stations, transit stations, hospitals, ambulance providers, and schools. As construction progresses, emergency providers, and other land uses as mentioned above shall be notified by NSD in advance of construction of the timing, location, and duration of construction activities and the locations and durations of any temporary detours and/or lane closures.</li> </ul>				

Mitigation Measure	Implementation Procedure	Monitoring Responsibility	Monitoring / Reporting Action & Schedule	Monitoring Compliance Record (Name/Date)
Mitigation Measure TR-2: Reduce Impacts on Public Transit, Bicycle, and Pedestrian Facilities	Incorporate into specifications.		Verify in 90% plan set.  Monitor weekly during primary phases of construction.	
Construction shall be coordinated with local transit service providers to arrange the temporary relocation of bus routes and/or bus stops in work zones, as necessary. The NSD shall work with the Napa Valley Transit Authority and the City of Napa to temporarily relocate bus stops impacted by construction activities. Temporary bus stops shall be located in an acceptable location that minimizes impacts to bus users and meets safety requirements.				
Pedestrian and bicycle access and circulation shall be maintained during project construction where safe to do so. If construction activities encroach on a bicycle lane, warning signs shall be posted that indicate bicycles and vehicles are sharing the lane. Detours shall be included for bicycles and pedestrians in all areas potentially affected by project construction. Notices shall be provided to advise bicyclists and pedestrians of any temporary detours around construction zones.				