## 1 EXECUTIVE SUMMARY

# 2 PROJECT OBJECTIVES, PURPOSE, AND NEED

- 3 Pacific Gas and Electric Company (PG&E) is proposing to construct and operate
- 4 multiple natural gas transmission pipelines that would ultimately cross California's
- 5 Central Valley in the counties of Yolo, Sutter, Sacramento, and Placer. The
- 6 proposed Project would specifically involve the construction and operation of three
- 7 new transmission pipelines: Line 406, Line 407 (West and East), and the Powerline
- 8 Road Distribution Feeder Main (DFM). The Project would also include the
- 9 construction of six aboveground facilities. Fully constructed, the pipelines would
- 10 span the lower Sacramento Valley.
- 11 PG&E identified the following objectives for the proposed Line 406/407 Natural Gas
- 12 Pipeline Project (Project):
- Provide greater capacity and service reliability to the existing gas transmission
   and distribution pipeline system while minimizing costs to PG&E's customers;
- Extend natural gas service to planned residential and commercial developments in Placer, Sutter, and Sacramento counties;
- Install Project facilities in a safe, efficient, environmentally sensitive, and costeffective manner; and
- Locate the pipeline to minimize the potential of environmental impacts resulting
   from damage by outside sources.

## 21 DESCRIPTION OF PROPOSED PROJECT

- 22 The Project would involve construction of approximately 40 miles of new pipeline, as
- 23 well as aboveground features. At its western terminus, the Project would add a new
- 24 major connection point to Lines 400 and 401, the Capay Metering Station, located
- 25 approximately 15 miles south of the Buckeye Pressure Limiting Station in Yolo
- 26 County. From this connection point, the Project would construct a large-diameter
- 27 (30-inch) transmission pipeline across the lower Sacramento Valley, essentially
- 28 bisecting the existing pipeline loop system. The Project would connect to existing
- 29 Line 172 and Line 123 to further reinforce the reliability of the region's natural gas
- 30 system by providing a second large-diameter connection point between Lines 400
- and 401 and existing pipelines serving the area.

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stations.

- Six fenced, aboveground pressure limiting, pressure regulating, metering, and main line valve stations would be constructed along the Project alignment to ensure that proper pressures are maintained in the transmission system and to reduce the pressure of the gas before delivering it to the distribution pipeline system. These facilities would also require the installation of valve extensions, actuators, valve hand wheels, risers, meters, Supervisory Control and Data Acquisition (SCADA) pipeline system monitoring equipment, and other appurtenances within and adjacent to the
- 9 PG&E proposes a 100-foot-wide temporary use area (TUA) for general pipeline 10 trenching consisting of a 50-foot wide permanent easement and a 50-foot wide 11 temporary construction easement (TCE) to accommodate the equipment needed to 12 lay the 30-inch-diameter pipe in a 3.5- to 5-foot-wide trench, an equipment travel 13 lane, and a spoil pile for the excavated soils A 60-foot wide TUA would be used for 14 construction in constricted workspaces and would require that excavated soil be 15 transported to an adjacent TUA. Each of the twelve proposed Horizontal Directional 16 Drilling (HDD) locations would require an additional 18,750-square-foot temporary 17 use area for equipment that would be set up at the proposed entry and exit points. 18 PG&E proposes to obtain a 50-foot wide permanent easement over the proposed 19 alignment. Restrictions in the easement would prohibit the planting of deep-rooted 20 plants such as trees and vines within 15 feet of the pipeline centerline for protection 21 of the pipeline, but other agricultural uses would be allowed. The primary staging 22 areas for vehicles, equipment, materials, and other supplies required for the 23 construction of the pipeline and regulator stations would be near the Project right-of-24 way (ROW) in existing industrial and commercial yards where accessible. Staging 25 areas would generally be approximately 300 feet by 200 feet. Two areas would be 26 used for pipe storage. One area is located in Arbuckle, and the other is located 27 north of the City of Woodland. Both of these areas are currently disturbed land in
- 29 New pipeline construction would involve the following activities:
- Clearing and grading;

commercial zones.

- Trenching and topsoil stockpiling;
- Horizontal Directional Drilling (HDD);
- Hammer boring:

- Auger boring/Jack-and-boring;
- Epoxy coating of pipe;
- Pipeline stringing and welding;
- Lowering in the pipeline and backfilling;
- Hydrostatic testing of the pipe sections; and
- Pigging.
- 7 The main travel routes that would be used for construction access and delivery of
- 8 pipe along Line 406 would include County Road (CR) 85, CR-87, CR-88A, CR-17,
- 9 CR-19, and some smaller roads on the east side of Interstate (I) 5. Travel routes to
- 10 be used for construction access and delivery of pipe along Line 407 would include
- 11 CR-16, CR-16A, CR-17, Baseline Road, Riego Road, and Powerline Road. Streets
- 12 and roads perpendicular to the main routes that may also be used to access the
- 13 Project area include Watt Avenue, West Elverta Road, Walerga Road, State Route
- 14 (SR) 70/99, and SR-113. During construction, the transporting of the required
- amount of pipe and associated construction equipment could result in a temporary
- increase of up to 40 trucks a day (80 trips per day) on these respective roadways.
- 17 The pipeline would be operated and maintained in accordance with all applicable
- 18 requirements included in the U.S., Department of Transportation (DOT) regulations
- 19 in 49 CFR 192, "Transportation of Natural and Other Gas by Pipeline: Minimum
- 20 Federal Safety Standards." Further, the proposed Project would be subject to
- 21 California Public Utilities Commission (CPUC) standards as embodied under
- 22 General Order 112E. Operations and maintenance activities that would occur at
- 23 regular intervals include the following: cathodic protection (protection against
- 24 pipeline corrosion), cathodic protection monitoring, valve testing, pipeline patrols,
- 25 and High Consequence Area (HCA) risk assessment.

### ALTERNATIVES TO PROPOSED PROJECT

- 27 The California Environmental Quality Act (CEQA) Guidelines (section 15126.6(a))
- require that a range of reasonable alternatives to the proposed Project be described,
- analyzed, and (1) would feasibly attain most of the basic objectives of the proposed
- 30 Project, and (2) would avoid or substantially lessen any of the significant impacts of
- 31 the proposed Project.

- 1 The CEQA Guidelines requires the selection of an environmentally superior
- 2 alternative. The determination of an environmentally superior alternative is based on
- 3 the consideration of how the alternative fulfills the Project objectives and how the
- 4 alternative either reduces significant, unavoidable impacts or substantially reduces
- 5 the impacts to the surrounding environment. The CEQA Guidelines section
- 6 15126.6(e)(2) state, in part, that "If the environmentally superior alternative is the
- 7 "No Project" alternative, the EIR would also identify an environmentally superior
- 8 alternative among the other alternatives."
- 9 Not all alternatives that were developed are completely analyzed in the EIR.
- 10 Feasible alternatives that did not clearly offer the potential to reduce significant
- 11 environmental impacts along with infeasible alternatives were removed from further
- 12 analysis. Four alternatives were eliminated from detailed analysis. These
- 13 alternatives include:

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- Line 406 and 407 Northern Alternative was eliminated from further analysis since this proposed pipeline alignment alternative would be exposed to the greatest risk of fault rupture, and because a substantial segment of the alignment would be located along side-hills adjacent to CR-13;
  - Line 407 Southern Alternative was eliminated from further analysis because this proposed pipeline alignment alternative would require more crossings of tributaries of Steelhead Creek, and would affect more vernal pool habitat;
  - Line 406 Central Alternative was eliminated from further analysis because this
    proposed pipeline alignment alternative would parallel an ephemeral stream,
    passing through natural habitats to CR-14A; and
    - Systems Alternatives was eliminated from further analysis because the proposed alignment alternative would require 15 separate projects with substantially greater amounts of pipeline resulting in greater construction impacts.
- Alternatives that were analyzed include the No Project Alternative, and twelve different pipeline alignment options. Each option (or alternative) represented a particular segment of alignment that differed in location from the Project so as to attempt to reduce environmental impacts. The twelve options are briefly described below.

No Project Alternative. Under the No Project Alternative, a natural gas pipeline would not be constructed between existing Lines 400 and 401 in Yolo County and the existing Line 123 in Placer County. PG&E's studies indicate that the natural gas transmission and distribution system may not be able to serve customers reliably and planned development in Yolo, Sacramento, Sutter, and Placer counties by 2009 (see Section 2, Project Description). Additionally, continued growth in those counties would put further strain on existing natural gas infrastructure, and could result in emergency restriction or interruption of services.

- Option A. From Lines 400 and 401, Option A would follow CR-16 to I-505, then head north through a grape vineyard to align with CR-15B on the west side of I-505. The route would continue east on CR-15B through the Dunnigan Hills and across Smith Creek until CR-15B becomes CR-93. From this juncture, this alternative would continue east from the intersection of CR-15B and CR-93, and proceed cross-country to Line 172A just south of the town of Dufour. It would then parallel Line 172A south to the tie-in point with Line 172A and Line 407, north of the town of Yolo. This option would increase the overall pipeline length by approximately 2,200 feet. Figure 3-2B shows Option A.
- This option would result in a reduction in the magnitude of impacts to aesthetics and noise due to the movement of a portion of the pipeline construction further away from residences. This option would have similar impacts as the proposed Project in the resource areas of air quality, hydrology and water quality, recreation, population and utilities, and energy and mineral resources.
  - This option would result in a greater magnitude of impacts to agricultural resources, biological resources, cultural resources, soils, seismic and risk of upset hazards, land use, and traffic. These impacts would be increased in magnitude due to an increase in the length of the pipeline along the boundaries of agricultural fields, increased disturbance of soils, the potential for increased introduction of invasive species, and the potential for increased disturbance of sensitive plants. The difference in impacts to cultural resources is assumed to be greater since Option A would increase the area of disturbance and occur outside of the corridor surveyed for cultural resources. This option would increase the seismic impacts by crossing the southern end of the Dunnigan Hills Fault in the vicinity of an apparent surface fault rupture. Also, by placing the pipeline in close proximity to Durst Organic Farmers, a new "high consequence area" or "HCA" would be created along the pipeline as defined by DOT 192.903, based upon the number of employees and the number of days they would congregate near the pipeline. Option A would affect

- 1 traffic during pipeline construction along roadways used by Durst for employees,
- 2 visitors, and workers transporting their produce.
- 3 Option A would not reduce the significant and unavoidable impacts associated with
- 4 the proposed Project (construction air quality, hazards from the risk of pipeline
- 5 upset, and land use compatibility).
- 6 Option B. From Lines 400 and 401, approximately 1.5 miles north of the proposed
- 7 Project, Option B would extend east along farm roads, crossing CR-86 and aligning
- 8 with CR-16. The route would continue along the south side of CR-16 for
- 9 approximately 3 miles to CR-86, and then turn south along farm roads to a point
- 10 intercepting the proposed I-505 crossing. This option would increase the overall
- 11 pipeline length by approximately 2,640 feet. Figure 3-2B shows Option B.
- 12 This option would not result in a reduction of any impacts associated with the
- proposed Project. This option would have similar impacts as the proposed Project in
- 14 the resource areas of air quality, hydrology and water quality, noise, recreation,
- 15 population and utilities, and energy and mineral resources.
- 16 This option would result in a greater magnitude of impacts to agricultural resources,
- 17 aesthetics, biological resources, cultural resources, soils, risk of upset hazards, land
- 18 use, and traffic. These impacts would be increased in magnitude due to an increase
- 19 in the length of the pipeline along the boundaries of agricultural fields and the
- 20 placement closer to roadways where construction activities would be more visible.
- 21 Option B would also increase the potential for introduction of invasive species,
- 22 increase the potential for disturbance to sensitive plants, increase the number of
- 23 trees impacted (potential Swainson's hawk nesting habitat), increase disturbance to
- 24 soils, and place the pipeline outside of the area surveyed for cultural resources.
- 25 Also, by placing the pipeline in close proximity to Durst Organic Farmers, a new
- 26 "high consequence area" or "HCA" would be created along the pipeline as defined
- 27 by DOT 192.903, based upon the number of employees and the number of days
- 28 they would congregate near the pipeline. Option B would affect traffic during
- 29 pipeline construction along roadways used by Durst for employees, visitors, and
- 30 workers transporting their produce.
- 31 Option B would not reduce the significant and unavoidable impacts associated with
- 32 the proposed Project (construction air quality, hazards from the risk of pipeline
- 33 upset, and land use compatibility).

- 1 **Option C.** Option C would follow the proposed alignment of Line 406 from the 2 Capay Metering Station to the Hungry Hollow Canal, which it would parallel 3 northeast until crossing to line up with an unnamed farm road to the east. alternative would cross CR-85 and extend east along the farm road and the northern 4 5 edge of Microp Limited Property, APN # 048-140-140-191. At the end of the 6 property, the route would turn south along another unnamed farm road until it 7 intersects the proposed Line 406 route, which it then would follow to the Yolo 8 Junction Station. This option would increase the overall pipeline length by roughly 9 1,150 feet. Figure 3-2C depicts Option C.
- 10 This option would not result in a reduction of any impacts associated with the 11 proposed Project. This option would have similar impacts as the proposed Project in 12 the resource areas of aesthetics, air quality, cultural resources, geologic and risk of 13 upset hazards, hydrology and water quality, land use and planning, noise, 14 population and utilities, energy mineral recreation. and resources. 15 transportation. While Option C would result in similar impacts to agricultural 16 resources as the proposed Project, it would result in less segmenting of agricultural 17 fields.
- This option would result in a greater magnitude of impacts to biological resources and soils. These impacts would be increased in magnitude due to an increase in the number of trees impacted, the increased disturbance of soils, and the increased potential for introduction of invasive species.
- Option C would not reduce the significant and unavoidable impacts associated with the proposed Project (construction air quality, hazards from the risk of pipeline upset, and land use compatibility).
- Option D. Option D would involve a minor variation to the proposed Line 406 in the vicinity of the Hungry Hollow area in north-central Yolo County, but it would maintain Line 406 within CR-17 east of CR-87, and then extend south after crossing an unnamed irrigation lateral where it would realign with the proposed Line 406 route, just west of the I-505 HDD crossing. East of I-505, this alternative would follow the same alignment as the proposed Project. This option would increase the overall pipeline length by roughly 860 feet. Figure 3-2D shows Option D.
- This option would not result in a reduction of any impacts associated with the proposed Project. This option would have similar impacts as the proposed Project in the resource areas of aesthetics, air quality, cultural resources, geologic hazards.

- 1 hydrology and water quality, land use and planning, noise, recreation, population
- 2 and utilities, energy and mineral resources, and transportation. While Option D
- 3 would result in similar impacts to agricultural resources as the proposed Project, it
- 4 would result in less segmenting of agricultural fields.
- 5 This option would result in a greater magnitude of impacts to noise, aesthetics,
- 6 hazards, biological resources, soils, and cultural resources. These impacts would
- 7 be increased in magnitude due to placing the construction of the pipeline closer to
- 8 residences and thereby increasing the construction noise, visibility of construction
- 9 activities, and the risk of upset hazards to a greater number of people. Option D
- would also increase the number of trees impacted, and place the pipeline outside of
- 11 the area previously surveyed for cultural resources.
- 12 Option D would not reduce the significant and unavoidable impacts associated with
- 13 the proposed Project (construction air quality, hazards from the risk of pipeline
- 14 upset, and land use compatibility).
- 15 Option E. Option E would involve a minor realignment of the proposed Line 406
- 16 route. This would position the route to follow CR-19, east of CR-87. At CR-19A, it
- 17 would extend back to the north via an existing dirt road and underneath a large
- 18 electrical transmission corridor. This route alternative would then cross an irrigation
- 19 lateral and continue north where it would converge back with the proposed Line 406
- 20 route, just west of I-505. This alternative would then follow the same route as the
- 21 proposed Project east of I-505. This option would increase the overall pipeline
- 22 length by roughly 3,480 feet. Figure 3-2D shows Option E.
- 23 This option would not result in a reduction of any impacts associated with the
- 24 proposed Project. This option would have similar impacts as the proposed Project in
- 25 the resource areas of air quality, cultural resources, geologic hazards, hydrology and
- 26 water quality, land use and planning, noise, recreation, population and utilities,
- 27 energy and mineral resources, and transportation. While Option E would result in
- 28 similar impacts to agricultural resources as the proposed Project, it would result in
- 29 less segmenting of agricultural fields.
- 30 This option would result in a greater magnitude of impacts to aesthetics, noise,
- 31 biological resources, soils, and cultural resources. These impacts would be
- 32 increased in magnitude due to placing the construction of the pipeline closer to
- 33 residences and thereby increasing the construction noise, visibility of construction
- 34 activities, and the risks of upset hazards to a greater number of people. Option E

- 1 would also increase the number of trees impacted, increase the disturbance of soils,
- 2 and place the pipeline outside of the area previously surveyed for cultural resources.
- 3 Option E would not reduce the significant and unavoidable impacts associated with
- 4 the proposed Project (construction air quality, hazards from the risk of pipeline
- 5 upset, and land use compatibility).
- 6 Option F. Option F would follow the proposed alignment for Line 406 from Lines
- 7 400 and 401 to the eastern end of the Dunnigan Hills, where it would turn north off
- 8 CR-17 approximately 5,000 feet west of CR-95A. This alternative option would not
- 9 alter the length of the segment, but would turn north to align with the I-5 crossing
- 10 further east than the proposed alignment. Figure 3-2E shows Option F.
- 11 This option would result in a reduction in the number of trees impacted. This option
- 12 would also result in a reduced number of residences to evaluate for eligibility for
- 13 listing on the NRHP or the CRHR. This option would have similar impacts as the
- 14 proposed Project in the resource areas of aesthetics, agricultural resources, air
- 15 quality, hydrology and water quality, geologic and risk of upset hazards, recreation,
- land use, noise, population and utilities, traffic, and energy and mineral resources.
- 17 This option would increase the magnitude of impacts to biological resources by
- 18 bordering an ephemeral drainage with adjacent wetlands that the Project avoids.
- 19 Option F would not reduce the significant and unavoidable impacts associated with
- 20 the proposed Project (construction air quality, hazards from the risk of pipeline
- 21 upset, and land use compatibility).
- 22 **Option G.** Option G would be located at the western end of Line 407 West, just east
- 23 of the Yolo Junction Station and existing Line 172A. This alternative leaves the
- 24 proposed Yolo Junction Station and aligns with an unnamed farm road, which it
- 25 follows along a field edge until the intersection of CR-16A and CR-98. This
- 26 alternative option would not alter the length of the segment. Figure 3-2F shows
- 27 Option G.
- 28 This option would not result in a reduction of any impacts associated with the
- 29 proposed Project. This option would increase the magnitude of impacts to biological
- 30 resources due to an increase in the number of trees impacted. This option would
- 31 have similar impacts as the proposed Project in the resource areas of aesthetics,
- 32 agricultural resources, air quality, hydrology and water quality, geologic and risk of

- 1 upset hazards, recreation, land use, noise, population and utilities, traffic, cultural
- 2 resources, and energy and mineral resources.
- 3 Option G would not reduce the significant and unavoidable impacts associated with
- 4 the proposed Project (construction air quality, hazards from the risk of pipeline
- 5 upset, and land use compatibility).
- 6 Option H. Near the western levee of the Yolo Bypass, Option H would head
- 7 southeast through agricultural fields within the Yolo Bypass to a point on the
- 8 Sacramento River directly across from West Elverta Road. It would then cross the
- 9 Sacramento River and parallel West Elverta Road to Powerline Road. The route
- would head north paralleling Powerline Road to Riego Road and would then parallel
- 11 Riego Road through the Natomas Basin Conservancy to Steelhead Creek. The
- 12 route would parallel the northern border of the Placer Vineyards Specific Plan area
- 13 along Baseline Road (Riego Road becomes Baseline Road in Placer County) until
- 14 the tie-in with Line 123 at the intersection of Baseline Road and Fiddyment Road.
- 15 This alternative option would reduce the overall pipeline length by roughly 2,900
- 16 feet. Figure 3-2G shows Option H.
- 17 This option would result in a reduction in the magnitude of impacts to aesthetics and
- 18 noise due to the movement of a portion of the pipeline further away from residences.
- 19 Because of the reduced length, this option would reduce impacts to soils and reduce
- 20 the potential for introduction of invasive species.
- 21 This option would have similar impacts as the proposed Project in the resource
- 22 areas of agricultural resources, air quality, hydrology and water quality, geologic and
- 23 risk of upset hazards, recreation, land use, population and utilities, traffic, and
- 24 energy and mineral resources.
- 25 This option would increase the magnitude of impacts to biological resources due to
- 26 an increase in the number of trees, wetlands, and riparian woodland communities
- 27 impacted. The difference in impacts to cultural resources is unknown since Option H
- would occur outside of the corridor surveyed for cultural resources.
- 29 Option H would not reduce the significant and unavoidable impacts associated with
- 30 the proposed Project (construction air quality, hazards from the risk of pipeline
- 31 upset, and land use compatibility).
- 32 **Option I.** This option would follow the proposed alignment for Line 407-E along
- 33 Base Line Road to South Brewer Road, where the pipeline would extend north along

- 1 the west side of South Brewer Road, crossing one seasonal wetland, to a point
- 2 approximately 1,500 feet north of the intersection of Base Line Road and South
- 3 Brewer Road. This alternative would then extend east for approximately 1.0 mile
- 4 through agricultural land, crossing Steelhead Creek and two seasonal wetlands
- 5 before reaching Country Acres Lane. From this point, this alternative would turn
- 6 south and travel through pasture/fallow agricultural fields along the east side of
- 7 Country Acres Lane, crossing seasonal wetlands. At the intersection with Base Line
- 8 Road, the pipeline would join and follow the remainder of the proposed alignment for
- 9 Line 407-E along Base Line Road. This option would increase the overall pipeline
- 10 length by roughly 2,900 feet. Figure 3.2-H depicts Option I.
- 11 This option would result in a reduction in the magnitude of impacts to aesthetics and
- 12 noise due to the movement of a portion of the pipeline to a location with fewer
- 13 residences. This option would reduce the risk of upset hazards to a planned high
- 14 school site.
- 15 This option would have similar impacts as the proposed Project in the resource
- 16 areas of agricultural resources, air quality, hydrology and water quality, geologic
- 17 hazards, recreation, land use, population and utilities, traffic, and energy and mineral
- 18 resources.
- 19 This option would increase the magnitude of impacts to biological resources such as
- 20 seasonal wetlands and swales, a vernal pool, and an additional creek, though it
- 21 would reduce impacts to trees. This option would also increase the magnitude of
- 22 disturbance to soils, which may increase the potential for introduction of invasive
- 23 species.
- 24 Option I would not reduce the significant and unavoidable impacts associated with
- 25 the proposed Project (construction air quality, hazards from the risk of pipeline
- 26 upset, and land use compatibility).
- 27 Option J. This option would follow the proposed alignment for Line 407-E along
- 28 Base Line Road to South Brewer Road, where the pipeline would extend north along
- 29 the west side of South Brewer Road, crossing one seasonal wetland, a vernal pool,
- and Steelhead Creek, to a point approximately 2,600 feet north of the intersection of
- 31 Base Line Road and South Brewer Road. This alternative would then extend
- 32 approximately 0.5 mile east through agricultural land and seasonal wetlands before
- 33 turning south for approximately 0.1 mile. This alternative would then turn east again
- and extend approximately 0.5 mile along the edge of a rice field to Country Acres

- 1 Lane. From this point, this alternative would turn south and travel through
- 2 pasture/fallow agricultural fields along the east side of Country Acres Lane, crossing
- 3 a seasonal swale and seasonal wetlands. At the intersection with Base Line Road,
- 4 the pipeline would join and follow the remainder of the proposed alignment for Line
- 5 407-E along Base Line Road. This option would increase the overall pipeline length
- 6 by roughly 5,250 feet. Figure 3.2-I shows Option J.
- 7 This option would result in a reduction in the magnitude of impacts to aesthetics and
- 8 noise due to the movement of a portion of the pipeline to a location with fewer
- 9 residences. This option also would reduce the risk of upset hazards to a planned
- 10 high school site.
- 11 This option would have similar impacts as the proposed Project in the resource
- 12 areas of agricultural resources, air quality, hydrology and water quality, geologic
- hazards, recreation, land use, population and utilities, traffic, and energy and mineral
- 14 resources.
- 15 This option would increase the magnitude of impacts to biological resources such as
- 16 seasonal wetlands and swales, and a vernal pool, though reduce impacts to trees
- 17 (potential Swainson's hawk nesting habitat). This option would also increase the
- 18 magnitude of disturbance to soils, which may increase the potential for introduction
- 19 of invasive species.
- 20 Option J would not reduce the significant and unavoidable impacts associated with
- 21 the proposed Project (construction air quality, hazards from the risk of pipeline
- 22 upset, and land use compatibility).
- 23 Option K. Option K would follow the proposed alignment for Line 407-E along Base
- Line Road to a location approximately 3,300 feet east of Country Acres Lane. This
- 25 alternative would then extend northeast, at an angle, to a point approximately 150
- 26 feet north of Base Line Road. The pipeline would then turn and extend directly east
- 27 for approximately 0.2 mile, and then would turn southeast and extend, at an angle,
- 28 back to Base Line Road. The pipeline would then join and follow the remainder of
- 29 the proposed alignment for Line 407-E along Base Line Road. This alternative
- 30 would cross a vernal pool and seasonal wetlands, and would require the redesign or
- 31 relocation of the proposed HDD at this location in order to construct this alternative
- 32 alignment. This option would increase the overall pipeline length by roughly 70 feet.
- 33 Figure 3.2-J shows Option K.

- 1 This option would result in a reduction in the magnitude of impacts to aesthetics and
- 2 noise due to the movement of a portion of the pipeline to a location with fewer
- 3 residences. This option would help reduce the risk of upset to a planned elementary
- 4 school.
- 5 This option would have similar impacts as the proposed Project in the resource
- 6 areas of agricultural resources, air quality, hydrology and water quality, geologic
- 7 hazards, recreation, land use, population and utilities, traffic, and energy and mineral
- 8 resources.
- 9 This option would increase the magnitude of impacts to biological resources such as
- 10 seasonal wetlands and swales, and a vernal pool. Option K would not reduce the
- 11 significant and unavoidable impacts associated with the proposed Project
- 12 (construction air quality, hazards from the risk of pipeline upset, and land use
- 13 compatibility).
- 14 Option L. Option L would follow the proposed alignment for Line 407-E along Base
- 15 Line Road, but would extend the proposed HDD approximately 1,345 feet to the
- 16 east. This alternative would increase the depth of cover through the buffer zone to
- 17 approximately 35 feet and reduce the risk potential to a planned elementary school
- 18 south of Base Line Road. Approximately 1,000 feet of trenching for Line 407 E
- 19 would be replaced by HDD construction. Figure 3.2-K shows Option L. This option
- 20 would include the following PG&E Applicant Proposed Measure:

### APM ALT-L

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PG&E would partner with the Center Unified School District to jointly develop a risk analysis in accordance with section 14010(h) of Title 5 of the California Code of Regulations regarding the location of a school site within 1,500 feet of a pipeline. The risk analysis would include a quantitative risk assessment to evaluate potential pipeline impacts to the school. If the assessment determines that there is a risk of serious injury or fatality presented by the pipeline, corrective measures would be recommended to reduce the probability and/or consequence such that the risk is reduced to an acceptable level per the above-mentioned regulation.

- 31 This option would help reduce the risk of upset to a planned elementary school.
- 32 This option would not result in an increase in the magnitude of any impacts
- 33 associated with the proposed Project. This option would have similar impacts as the

- 1 proposed Project in the resource areas of aesthetics, agricultural resources, air
- 2 quality, hydrology and water quality, geologic and risk of upset hazards, recreation,
- 3 land use, noise, population and utilities, traffic, cultural resources, and energy and
- 4 mineral resources.
- 5 Option L would not reduce the significant and unavoidable impacts associated with
- 6 the proposed Project (construction air quality, hazards from the risk of pipeline
- 7 upset, and land use compatibility).

### **ENVIRONMENTAL IMPACTS AND MITIGATION**

- 9 Table ES-1 presents a summary of impacts and mitigation measures for the
- 10 proposed Project. This table is presented by issue area. Within each issue area,
- 11 each impact that requires mitigation is described and classified, and recommended
- 12 mitigation is listed, and the level of impact with mitigation is stated.

### COMPARISON OF PROPOSED PROJECT AND ALTERNATIVES

- 14 The CEQA Guidelines (section 15126.6 (d)) requires that an EIR include sufficient
- 15 information about each alternative to allow meaningful evaluation, analysis, and
- 16 comparison with the proposed Project. A matrix displaying the major characteristics
- 17 and significant environmental effects of each alternative may be used to summarize
- 18 the comparison. Table ES-2 provides a comparison of the proposed Project with
- 19 each of the Alternatives evaluated in this document, including the No Project
- 20 Alternative.

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**Table ES-1: Summary of Environmental Impacts for the Proposed Project** 

Impact Class	Description
I	Significant adverse impact that remains significant after mitigation.
II	Significant adverse impact that can be eliminated or reduced below an issue's significance criteria.
Ш	Adverse impact that does not meet or exceed an issue's significance criteria.
IV	Beneficial impact.

Impact No.	Impact	Impact Class	Recommended Mitigation Measures
Section 4	.1 Aesthetic/Visual Resources		
AES-1	The Project would substantially degrade the existing visual character or quality of the site and its surroundings.	II	AES-1 Replanting of screening vegetation.
AES-2	The proposed Project would create a new source of substantial light or glare that would adversely affect day or nighttime views in the area.	II	<b>AES-2</b> Light shielding and positioning away from residences.
Section 4	.2 Agricultural Resources (Less than Significant (Class III)	- No Impact	Statements or Mitigation Measures)
Section 4	.3 Air Quality		
AQ-1	The Project would result in construction or operational emissions that exceed quantitative significance thresholds (including quantitative thresholds for ozone precursors) established by air pollution control districts in which the Project would be constructed.	I	AQ-1a Fugitive PM <sub>10</sub> Control. AQ-1b NO <sub>x</sub> Mitigation Menu.
AQ-2	The Project would result in emissions that substantially contribute to an exceedance of a State or Federal ambient air quality standard.	I	AQ-1a Fugitive PM <sub>10</sub> Control. AQ-1b NO <sub>x</sub> Mitigation Menu.

Impact No.	Impact	Impact Class	Recommended Mitigation Measures
AQ-3	The Project would produce greenhouse gas emissions and contribute to climate change.	II	AQ-3 GHG Emission Offset Program.
Section 4.	4 Biological Resources		
BIO-1	The proposed Project would fill or alter a wetland or vernal pool, resulting in a long-term change in its hydrology or soils, or the composition of vegetation of a unique, rare, or special concern wetland community.	II	BIO-1a Wetland avoidance and restoration. BIO-1b Trench backfill and topographic restoration. BIO-1c Riparian avoidance and restoration.
BIO-2	The Project would result in the long-term (more than 5 years) reduction or alteration of unique, rare, or special concern vegetation types, riparian vegetation, or natural communities.	II	BIO-2a Tree avoidance and replacement. BIO-2b Avoidance of valley oak woodland.
BIO-3	The Project would introduce new, or lead to the expanded range of existing, invasive noxious weed species or soil pests, so that they interfere with crop production or successful revegetation of natural communities.	II	BIO-3 Prepare and implement an invasive species control program.
BIO-4	The Project would cause a temporary loss or alteration of habitat important for one or more listed species that could result in avoidance by a listed species, or that could cause increased mortality or lowered reproductive success of the species.	II	BIO-4a Protect special-status wildlife. BIO-4b Mitigation for potential impacts to Natomas Basin Conservancy mitigation lands. BIO-4c Mitigation for potential impacts to Sacramento River Ranch Conservation Bank mitigation lands. BIIO-4d Protect special-status bird species.
Section 4.	5 Cultural Resources		
PALEO-1	Project construction or operation would result in damage or loss of vertebrate or invertebrate fossils that are considered important by paleontologists and land management agency staff.	II	PALEO-1 Proper curation of fossil collection.

Impact No.	Impact	Impact Class	Recommended Mitigation Measures
PALEO-2	The Project is considered to be a resource having scientific or educational value based on the significance criteria given in Section 4.6.3.	II	PALEO-2 Delivery of fossil collection to appropriate location.
Section 4.	6 Geology and Soils		
GEO-1	The Project would result in a risk of damage to structures from ground motion due to a seismic event or resulting phenomenon such as liquefaction or settlement, or from rupture of a known earthquake fault as delineated on the most recent Alquist Priolo Earthquake fault Zoning Map.	II	GEO-1 Site specific seismic field investigation.
Section 4.	7 Hazards and Hazardous Materials		
HAZ-1	The Project would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan; but could expose people or structures to a significant risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands.	II	HAZ-1 Minimize risk of fire.
HAZ-2	The Project would expose people to an unacceptable risk of existing or potential hazards, including upset and accident conditions involving the risk for fires, explosions, or the release of natural gas into the environment.	I	HAZ-2a Corrosion mitigation. HAZ-2b Installation of automatic shutdown valves.
Section 4.	8 Hydrology and Water Quality		
HWQ-1	The Project could result in violation of Federal or State Agency quantitative or qualitative water quality criteria, standards, or objectives (including objectives promulgated by the CVRWQCB and criteria set forth in the Proposed California Toxics Rule).	II	<b>HWQ-1</b> Response to unanticipated release of drilling fluids.

Impact No.	Impact	Impact Class	Recommended Mitigation Measures
HWQ-2	The Project could interrupt or degrade groundwater used for private or municipal purposes.	II	HWQ-2 Verify well locations.
HWQ-3	The Project would place permanent structures within the 100-year floodplain that would be damaged by flooding.	II	HWQ-3 Flood-proof pump houses within 100-year floodplain.
Section 4.	9 Land Use and Planning		
LU-1	The proposed Project would not conflict with development plans for the Sutter Pointe Specific Plan Area, Placer Vineyards Specific Plan, the Sierra Vista Specific Plan, or the Curry Creek Specific Plan, but would cross lands included in the Natomas Basin Conservancy and River Ranch Conservation Bank. The Project could also conflict with operation of Western Area Power Administration (WAPA) power lines.	II	LU-1a Mitigation for impacts to the Natomas Basin Conservancy mitigation lands. LU-1b Mitigation for impacts to the Sacramento River Ranch Conservation Bank mitigation lands. LU-1c WAPA license agreement.
LU-2	The proposed Project would expose people to an unacceptable risk of existing or potential hazards, including upset and accident conditions involving the risk for fires, explosions, or the release of natural gas into the environment.	I	LU-2a Mitigation for safety risk to nearby land uses. LU-2b Mitigation for safety risk to nearby land uses.
Section 4.	10 Noise		
NOI-1	Noise levels from Project construction would exceed criteria defined in a construction noise ordinance or general plan of the local jurisdiction in which the activity occurs.	II	NOI-1a Limited construction hours. NOI-1b Best management practices. NOI-1c Noise reduction plan.

Impact No.	Impact	Impact Class	Recommended Mitigation Measures				
NOI-2	Groundborne vibrations or groundborne noise from Project activities would have substantial direct or indirect effects on persons or structures.	II	NOI-2a Distance from residences. NOI-2b Heavy-loaded trucks. NOI-2c Earth-moving equipment/distance from vibrati sensitive sites. NOI-2d Nighttime construction.				
Section 4	.11 Recreation (Less than Significant (Class III) - No Impact	Statements	or Mitigation Measures)				
	.12 Population and Housing/Public Services/Utilities and sor Mitigation Measures)	l Service Sy	rstems (Less than Significant (Class III) - No Impact				

Section 4.13 Transportation and Traffic (Less than Significant (Class III) - No Impact Statements or Mitigation Measures)

Section 4.14 Energy and Mineral Resources (Less than Significant (Class III) - No Impact Statements or Mitigation Measures)

Table ES-2: Summary of Environmental Impacts for Proposed Project and Alternatives

<b>Impact</b>	
Class	Description
1	Significant adverse impact that remains significant after mitigation.
II	Significant adverse impact that can be eliminated or reduced below an issue's significance criteria.
Ш	Adverse impact that does not meet or exceed an issue's significance criteria.
IV	Beneficial impact.

Magnitude of Alternative Option Impact as compared to the Proposed Project is shown by the following:

0 = No Impact

/ = Similar Impact

- = Lesser Magnitude of Impact

+ = Greater Magnitude of Impact

									ОРТ	IONS					
Impact No.	Impact Description	Pro- posed Project	No Project	A	В	С	D	E	F	G	н	-	J	к	L
Section 4 Resource	.1 Aesthetics and Visual s														
AES-1	The Project substantially degrade the existing visual character or quality of the site and its surroundings.	II	No Impact 0	II -	II 	II /	  +	  +	II -		II -	-	II -	II /	II 

									OPT	IONS					
Impact No.	Impact Description	Pro- posed Project	No Project	Α	В	С	D	E	F	G	н	ı	J	К	L
AES-2	The Project would create a new source of substantial light or glare that would adversely affect day or nighttime views in the area.	II	No Impact 0	II -	II 	II /	+	+	II -	II /	- -	II -	II -	II 	II 
Section 4	1.2 Agricultural Resources	(No Impa	ct)												
Section 4	1.3 Air Quality														
AQ-1	The Project would result in construction or operational emissions that exceed quantitative significance thresholds (including quantitative thresholds for ozone precursors) established by air pollution control districts in which the Project would be constructed.	II	No Impact 0	/	II	II	II	II	II	II	/ /	II	II	/ /	/
AQ-2	The Project would result in emissions that substantially contribute	I	No Impact	l /	I /	I /	I /	I /	I /	I /	I /	I /	I /	I /	I /

to an exceedance of a State or Federal ambient air quality standard.

									ОРТ	IONS					
Impact No.	Impact Description	Pro- posed Project	No Project	A	В	С	D	E	F	G	н	ı	J	K	L
AQ-3	The Project would produce greenhouse gas emissions and contribute to climate change.	II	No Impact 0	  +	  +	+	  +	  +	II /	II /	II -	+	  +	  +	II   +
Section 4	.4 Biological Resources														
BIO-1	The Project would fill or alter a wetland or vernal pool, resulting in a long-term change in its hydrology or soils, or the composition of vegetation of a unique, rare, or special concern wetland community.	II	No Impact 0	  +	+	/ 	II /	II /	II /	II /	+	+	+	+	II -
BIO-2	The Project would result in the long-term (more than 5 years) reduction or alteration of unique, rare, or special concern vegetation types, riparian vegetation, or natural communities.	II	No Impact 0	II /	/ /	/ /		II /	II /	II /	II /		II /	II /	II /

									ОРТ	IONS					
Impact No.	Impact Description	Pro- posed Project	No Project	A	В	С	D	E	F	G	н	ı	J	K	L
BIO-3	The Project would introduce new, or lead to the expanded range of existing, invasive noxious weed species or soil pests, so that they interfere with crop production or successful revegetation of natural communities.	II	No Impact 0	  +	+	+	+	+	- -	+	II -	+	+	-	-
BIO-4	The Project would cause a temporary loss or alteration of habitat important for one or more listed species that could result in avoidance by a listed species, or that could cause increased mortality or lowered reproductive success of the species.	II	No Impact 0	II -	+	  +	+	+	/ /	+	  +	  +	  +	-	-
BIO-5	The Project would result in direct or indirect impact on special-status plant species that could reduce the abundance or substantially reduce the species numbers of	No Impact	No Impact 0	  +	  +	III 	  +	  +	III 	III 	+	+	+	III 	III   

									ОРТ	IONS					
Impact No.	Impact Description	Pro- posed Project	No Project	A	В	C	D	E	F	G	н	ı	J	K	L
	special-status plant species.														
Section 4	.5 Cultural Resources										•	•			
PALEO- 1	Project construction or operation would result in damage or loss of vertebrate or invertebrate fossils that are considered important by paleontologists and land management agency staff.	II	No Impact 0	II /	II 	II /	II /	II /	II /	II /	II 	II 	II /	II 	/ /
PALEO- 2	The Project is considered to be a resource having scientific or educational value based on the significance criteria given in Section 4.6.3.	II	No Impact 0	II /	II 	II /	II 	II /	II /	II /	II 	II 	II /	II 	II /
CR-1	The Project would result in damage to, disruption of or otherwise adversely affect an important archeological or a listed important historic resource.	No Impact	No Impact 0	+	+	III 	+	+	-	III 	+	-	-	/	III /

									ОРТ	IONS					
Impact No.	Impact Description	Pro- posed Project	No Project	Α	В	С	D	E	F	G	Н	ı	J	K	L
	Section 4.6 Geology, Soils, and Mineral Resources														
GEO-1	The Project would result in a risk of damage to structures from ground motion due to a seismic event or resulting phenomenon such as liquefaction or settlement, or from rupture of a known earthquake fault as delineated on the most recent Alquist Priolo Earthquake fault Zoning Map.	II	No Impact 0	+	+	+	+	+	II 	II 	-	+		II	II
Section 4	4.7 Hazards and Hazard	ous													
HAZ-1	The Project would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan; but could expose people or structures to a significant	II	No Impact 0	II /	/ /	II 	/ /	II 	II 	II 	II /	II 	II 	II 	/ /

					OPTIONS										
Impact No.	Impact Description	Pro- posed Project	No Project	A	В	С	D	E	F	G	Н	-	J	K	L
	risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands.														
HAZ-2	The Project would expose people to an unacceptable risk of existing or potential hazards, including upset and accident conditions involving the risk for fires, explosions, or the release of natural gas into the environment.	I	No Impact 0	+	+	l /	+	+	+	1 /	l /	-	-	-	-

									ОРТ	IONS					
Impact No.	Impact Description	Pro- posed Project	No Project	A	В	С	D	E	F	G	н	I	J	K	L
Section 4	Section 4.8 Hydrology and Water Quality														
HWQ-1	The Project could result in violation of Federal or State Agency quantitative or qualitative water quality criteria, standards, or objectives (including objectives promulgated by the CVRWQCB and criteria set forth in the Proposed California Toxics Rule).	II	No Impact 0	  +	/ /	+	-	-	/ /	II	+	+	+		II
HWQ-2	The Project could interrupt or degrade groundwater used for private or municipal purposes.	II	No Impact 0	II -	II  +	II /	  +	  +	II -		II -	II -	II -	II /	II /
HWQ-3	The Project would place permanent structures within the 100-year floodplain that would be damaged by flooding.	II	No Impact 0	II /	/ /	/ /	II 	II 	II 		II 	II /	II /	II /	II /

				OPTIONS											
Impact No.	Impact Description	Pro- posed Project	No Project	A	В	С	D	E	F	G	Н	I	J	K	L
Section 4	Section 4.9 Land Use and Planning														
LU-1	The Project would not conflict with development plans for the Sutter Pointe Specific Plan Area, Placer Vineyards Specific Plan, the Sierra Vista Specific Plan, or the Curry Creek Specific Plan, but would cross lands included in the Natomas Basin Conservancy and River Ranch Conservation Bank. The Project could also conflict with operation of Western Area Power Administration (WAPA) power lines.	II	No Impact 0	II /	II		II	II	II	+	+	-	-	-	-
LU-2	The Project would expose people to an unacceptable risk of existing or potential hazards, including upset and accident conditions involving the risk for	I	No Impact 0	+	+		+	+	+	l /	/	-	-	-	- -

									ОРТ	IONS					
Impact No.	Impact Description	Pro- posed Project	No Project	A	В	С	D	E	F	G	н	ı	J	K	L
	fires, explosions, or the release of natural gas into the environment.														
Section 4	Section 4.10 Noise														
NOI-1	Noise levels from Project construction would exceed criteria defined in a construction noise ordinance or general plan of the local jurisdiction in which the activity occurs.	II	No Impact 0	II -	/ /	/ /	+	+	II -	II 	II 	II -	II -	II /	II 
NOI-2	Groundborne vibrations or groundborne noise from Project activities would have substantial direct or indirect effects on persons or structures.	II	No Impact 0	II -	II	II /	  +	  +	-	II /	II /	II -	II -	II /	

Section 4.11 Recreation (Less than Significant (Class III) – No Impact Statements or Mitigation Measures)

Section 4.12 Socioeconomics (Less than Significant (Class III) – No Impact Statements or Mitigation Measures)

**Section 4.13 Transportation and Traffic** 

				OPTIONS											
Impact No.	Impact Description	Pro- posed Project	No Project	A	В	С	D	E	F	G	н	1	J	K	L
TRANS-1	Project related traffic or other activities could restrict one or more travel lanes of a primary or secondary arterial during peak-hour traffic, thereby reducing the roadway's capacity and creating congestion.	III	No Impact 0	  +	+	III /	+	+		III 	III 	III 	/	III	+

Section 4.14 Energy and Mineral Resources (Less than Significant (Class III) - No Impact Statements or Mitigation Measures)

### **ENVIRONMENTALLY SUPERIOR ALTERNATIVE**

- 2 The CEQA Guidelines (section 15126.6 (d)) require that an EIR include sufficient
- 3 information about each alternative to allow meaningful evaluation, analysis, and
- 4 comparison with the proposed Project. The Guidelines (Section 15126.6 (e)(2))
- 5 further state, in part, that "If the environmentally superior alternative is the "No
- 6 Project" alternative, the EIR shall also identify an environmentally superior
- 7 alternative among the other alternatives." (*Emphasis* added).
- 8 A narrative summary of the impacts associated with Alternative Options A through L,
- 9 as compared to the proposed Project impacts, was provided above. Table ES-2
- 10 summarizes the environmental impacts for the proposed Project, the No Project
- 11 Alternative, and the twelve alternative options analyzed in the Draft EIR. None of
- 12 the alternative options A through L that were analyzed would reduce the significant
- 13 and unavoidable (Class I) impacts associated with the proposed Project. Those
- 14 impacts are associated with construction air quality, hazards from the risk of pipeline
- 15 upset, and land use compatibility.
- 16 While none of the alternative options A through L reduce any of the Class I impacts
- to less than significant, nor any of the Class II impacts to less than significant without
- 18 mitigation, some of the options do reduce the magnitude of the impacts associated
- 19 with the proposed Project. Table ES-2 also depicts whether the impacts associated
- 20 with the project are the same, reduced in magnitude, or increased in magnitude by
- 21 each alternative option.

- 22 Under the No Project Alternative, a natural gas pipeline would not be constructed
- 23 between existing Lines 400 and 401 in Yolo County and the existing Line 123 in
- 24 Placer County. PG&E's studies indicate that the natural gas transmission and
- 25 distribution system may not be able to reliably serve current customers and planned
- 26 development in Yolo, Sacramento, Sutter, and Placer counties by 2009.
- 27 Additionally, continued growth in those counties would put further strain on existing
- 28 natural gas infrastructure, and could result in emergency restriction or interruption of
- 29 services. The No Project alternative would not result in any of the impacts
- 30 associated with the proposed Project. Therefore, the No Project alternative is
- 31 considered the environmentally superior alternative.
- 32 Among the other alternatives, the determination of an environmentally superior
- 33 alternative is difficult because of the many factors that must be balanced, and none
- of the alternative options reduce the Class I impacts. Some of the impacts may be

- 1 reduced in magnitude while, at the same time, others are increased in magnitude. In
- 2 general, there would be minor differences in the magnitude of impacts between the
- 3 proposed Project and the alternatives, but all would result in the same impact
- 4 significance levels within each environmental resource area.
- 5 Some of the alternative options would reduce the number of agricultural fields that
- 6 would be segmented by the Project pipeline. However, this would result in the
- 7 movement of the pipeline closer to roadways, residences, and in some cases
- 8 businesses, thereby increasing the number of people that would be at risk if a leak
- 9 or rupture of the pipeline were to occur with a subsequent explosion and/or fire.
- 10 The following discussion includes alternative options that would help to reduce the
- 11 magnitude of some of the impacts associated with the proposed Project, even
- 12 though some of the other impacts would be greater in magnitude than the proposed
- 13 alignment in the same segment area.
- 14 Alternative Option I would reduce the risk of upset hazards to a planned high school
- 15 along Baseline Road by moving the pipeline to a location outside of the 1,500-foot
- 16 safety buffer required by state school regulations. This option would reduce impacts
- to trees, and would reduce construction noise by moving the pipeline location further
- 18 from residences along Baseline Road. However, this option would increase the
- 19 magnitude of impacts to biological resources by impacting a seasonal wetland,
- 20 swale, vernal pool and a creek not associated with the proposed alignment. All of
- 21 these impacts would be mitigated in a manner similar to the proposed Project.
- 22 Alternative Option L would reduce the risk of upset hazards to a planned elementary
- 23 school south of Baseline Road. This option would not result in the increase or
- decrease in the magnitude of any impacts associated with the proposed alignment.
- 25 The environmentally superior alternative would be incorporating Alternative Options I
- 26 and L into the proposed Project alignment. The decrease in the magnitude of
- 27 impacts to safety risks to planned schools would outweigh the additional impacts to
- 28 biological resources. The increased magnitude of wetland and vernal pool impacts
- 29 would be mitigated by the measures outlined in Sections 4.4.4 and 4.4.5.

#### KNOWN AREAS OF CONTROVERSY OR UNRESOLVED ISSUES

- 31 The comments received during the Notice of Preparation (NOP) public scoping
- 32 period raised issues related to impacts to aesthetic/visual, agricultural, air quality,
- 33 biological resources, geology and soils, hazards and safety, hydrology and water

- 1 quality, land use, socioeconomics, and traffic and transportation resources.
- 2 Appendix B provides a copy of the NOP, copies of comment letters received during
- 3 the NOP and scoping process, and copies of the transcripts taken at the scoping
- 4 meetings, and indicates the section of the EIR in which the issue is addressed.