



March 23, 2020

Shane Stueckle
Deputy Town Manager
Town of Yucca Valley
57090 Twentynine Palms Highway
Yucca Valley, CA 92284

Subject: Proposal for Environmental Services for the Town of Yucca Valley's Proposition 68 Aquatics and Recreational Center Project [P2019-0638S]

Dear Mr. Stueckle:

We understand the Town's objective for defensible environmental documentation pursuant to the California Environmental Quality Act (CEQA). Based on our review of the materials provided to us and our understanding of the Proposition 68 (Prop 68) Aquatics and Recreational Center Project (proposed project) and CEQA, the proposed project would be eligible for processing with an Addendum to the 2010 Mitigated Negative Declaration (MND). The Addendum will analyze project-specific impacts as well as any changes in circumstances since the 2010 MND was adopted that could result in new or greater significant impacts than were identified for the 2010 approved project. The Addendum will use the latest CEQA Appendix G environmental checklist and include a comprehensive discussion that compares the proposed project with the approved project. We do not anticipate any new or greater significant impacts, and we believe that the Addendum will provide adequate CEQA clearance for the proposed project; however, additional evaluation is needed to determine the incremental increase in impacts—specifically, to air quality, greenhouse gas (GHG) emissions, noise, and transportation—associated with the new recreational facilities. Therefore, technical studies for these topical areas are proposed.

Nicole Vermilion, Principal, will be the principal-in-charge and serve as an advisor for the CEQA assessment to ensure quality control. **Mariana Zimmermann**, Associate, will serve as project manager and the Town's primary, day-to-day contact. Nicole and Mariana will be supported by our in-house technical experts, graphics team, and technical editing and clerical staff. For the transportation analysis, we have included **Fehr & Peers** to evaluate potential transportation and traffic impacts associated with the proposed project and vacation of Little League Drive.

Acknowledgment

This proposal shall remain valid for a period of 90 days from the time of submittal. As Principal, I am authorized to bind PlaceWorks and the project team to the contents of this proposal. We look forward to working with you to bring about the successful completion of this project. If you have any questions, please contact me at 714.966.9220 x2344 or nvermilion@placeworks.com.

Respectfully submitted,

PLACEWORKS

A handwritten signature in blue ink that reads "Nicole Vermilion".

Nicole Vermilion
Principal

UNDERSTANDING OF THE PROJECT

With passage of Prop 68, the Town became eligible for state grand funds for a health and wellness facility in Yucca Valley. The Town has since completed Phase 1a of the project, which involved public outreach, design workshops, feasibility studies, and site studies. As part of Phase 1a, LPA and Town staff conducted a comprehensive community input process to establish community priorities and preferences for the new facility. Under the guidance of the Citizen's Advisory Group (CAG), LPA evaluated potential projects that balanced the community's desires, grant conditions, spending priorities, utilization, programming needs, fiscal sustainability, and accessibility and circulation of the design options on sites in the Town that provides the following overarching goals:

1. An indoor pool that prioritizes recreation and swim lessons, which are the cornerstone of the Town's aquatics program.
2. Flexibility and multi-use opportunities for the Town recreation program and contract classes.
3. A large outdoor pool for competitive swim and seasonal aquatics programs.

Preferred Location

LPA and the CAG ultimately identified two sites within the Brehm Youth Sport Park, 56620 Little League Drive, in Yucca Valley, that would accommodate the proposed project:

~ Site 1a - **Brehm Park**. This site is north of Little League Drive, east of the existing soccer fields, south and west of the single-family resident parcels. This site is recently developed with recreational uses and does not contain natural habitat. Based on aerial photographs, this site would require removal of up to six Yucca trees on the croquet/bocce ball court located immediately north of the easternmost parking lot.

~ Site 1b – **Brehm Park Boy's and Girl's Club**. This site encompasses the existing Boy's and Girl's Club site, the City's soccer field on Brehm Park 1, and a T-ball/softball field on the Tri Valley Little League site. Except for the soccer field, the Town does not currently own the site. The site is south of Little League Drive, west of Palm Avenue, and east of the existing Tri Valley Little League baseball fields and associated parking lot. The site is developed with recreational uses and does not contain natural habitat. If constructed on this site, the proposed project would require removal of one softball field and soccer field and would require demolition of the existing approximately 13,000 square foot Boy's and Girl's Club building, which was constructed in 1988. This site would require removal of five to seven Yucca trees.

It is our understanding that the Town Staff is recommending selection of Site 1b – Brehm Park Boy's and Girl's Club for the Prop 68 project.

Desired Facility Components

LPA identified three conceptual plans that would fit the layout on Site 1b – Brehm Park Boy's and Girl's Club site: Plan D, E, and F. It is our understanding that Staff is recommending Plan F, which would include:

- ~ Removal of the existing soccer fields and lighting
- ~ Construction of new parking areas (office, recreation, and overflow)
- ~ Construction of staff offices¹
- ~ Construction of a new gymnasium
- ~ Construction of a natatorium (indoor multi-use swimming pool)
- ~ Construction of an outdoor splash pad
- ~ Construction of a 33-meter outdoor pool

¹ The new staff office would be to relocate recreational services staff currently housed at the Town Hall to the proposed site.

- ~ Construction of a perimeter walking path
- ~ Construction of a multi-purpose room (training and rehab)
- ~ Installation of out-door green space.

Approach

2010 Adopted MND

In August 2010 the Town of Yucca Valley approved a Conditional Use Permit and Mitigated Negative Declaration (MND) for the Brehm Youth Sports Park. The MND was circulated with the public on July 28, 2010 through August 16, 2010. The Notice of Determination (NOD) was filed with the San Bernardino County Clerk on August 30, 2010. Because the Brehm Park site has previous processing under CEQA in 2010, the proposed project may be processed as an Addendum to the 2010 MND pursuant to CEQA Guidelines Section 15164 so long as none of the conditions identified in the CEQA Guidelines Section 15162 calling for preparation of a subsequent EIR or negative declaration (i.e., Subsequent MND) have occurred.

2010 Approved Project

The 2010 approved project evaluated the addition of 11.3 acres of new recreational facilities on the 24.8-acre Brehm Park site as well as improvements within the Palm Avenue and Little League Drive right-of-way (ROW), including vacation of Little League Drive from approximately 525 feet from the westerly ROW at Grand Avenue to the easterly ROW at Palm Avenue. The 2010 approved project included phased construction of the following:

- ~ Four new soccer fields with nighttime lighting
- ~ One ball field with nighttime lighting
- ~ Two volleyball courts
- ~ Five horseshoe pits
- ~ Tot lot with child play and water play areas
- ~ Croquet/bocce ball area
- ~ Walking trail
- ~ Covered picnic area
- ~ A 3,253 square foot office, restroom and concession building
- ~ Demolition and construction of a new 10,000 square foot Boy's and Girl's Club
- ~ Parking lots with 304-335 parking spaces

Existing Operations

The **Boys & Girls Club** of Yucca Valley gymnasium was constructed in 1988 and hosts an after-school program during the week as well as a summer youth program in its meeting room. Through an annual agreement, the Town of Yucca Valley has use of the facility during off-peak times for a youth basketball league and other occasional activities and events.

The **soccer field** at the Brehm Park site is utilized by the Morongo Valley Youth Soccer Association with leagues that play on its field nine months out the field.

The Tri Valley Little League utilizes the **softball and T-Ball field** and offers programs for children ages 4 through 16, February through June.

Currently, the only available **aquatic facility** in the Town is the high school pool, which is only available for a small portion of the time and only suitable for a portion of the Town's swimming and aquatics recreation needs.

CEQA Approach

The CEQA Guidelines state that a project's description of existing physical conditions at the time of the notice of preparation should normally be used as the baseline for determining whether a potential effect is significant (CEQA Guidelines § 15125a). However, for supplemental review under CEQA (addendums, supplemental and subsequent EIRs), the previously approved project serves as the baseline to evaluate the impacts of the proposed changes to the project. If the revised project would result in new significant impacts, a Supplemental or Subsequent EIR is required. Where the revisions to the project would not result in new or substantially greater significant impacts and would require minor technical changes, the revised project is eligible to be processed with an Addendum. In this instance, where there has previously been extensive environmental review, an Addendum is the appropriate CEQA document for the proposed changes to the project. Pursuant to *Sierra Club v. City of Orange* (2008) 163 Cal.App.4th 523, the CEQA baseline for this Addendum is the 2010 Adopted MND. Additionally, an Addendum does not require tribal consultation or notification under Assembly Bill 52 (AB 52).

Town-Provided Materials

Based on our assumptions and understanding, the following information will be prepared by the Town's civil engineer and architect and will be available for our effort. The technical analyses/studies are assumed to contain all information necessary to evaluate impacts associated with the proposed project. PlaceWorks will incorporate this information into the Addendum.

- ~ Conceptual site plan,
- ~ Operational Information (e.g., recreational programs)
- ~ Landscape plan and irrigation plan
- ~ Grading plan
- ~ Building elevation
- ~ Preliminary water quality management plan and hydrology report
- ~ Preliminary geotechnical evaluation report (if available)

Scope of Work

TASK 1. PROJECT INITIATION

PlaceWorks will conduct a site visit and attend one project initiation/kick-off meeting. This task also includes preparation of the Project Description that will be used for the Addendum and technical analyses. PlaceWorks will review available materials and reports and coordinate with the Town in order to draft a written project description, including graphics, that depict the facility components as well as construction phasing that will be used for the environmental analysis.

Deliverable(s):

- Kick-off Meeting (conference call or in-person – see Task 5.2)
- Project Description

TASK 2. TECHNICAL ANALYSES

PlaceWorks and/or our subconsultants will prepare/conduct the following technical analyses/studies in support of the Addendum. The technical analyses/studies will be included as appendices to the Addendum.

Task 2.1 Air Quality and GHG Emissions (PlaceWorks)

PlaceWorks will evaluate potential air quality and greenhouse gas (GHG) emissions impacts associated with the proposed project compared to what was previously analyzed in the 2010 Adopted MND. Impacts will be based on the current methodology of the Mojave Desert Air Quality Management District (MDAQMD) for projects within the

Mojave Desert Air Basin (MDAB). Modeling will be conducted using the California Emissions Estimator Model (CalEEMod) and will be included as an appendix to the Addendum.

Construction Phase. PlaceWorks will calculate construction emissions for up to two construction phases. The construction phase regional emissions inventory will be based on the general anticipated construction schedule, including duration for each construction subphase, anticipated equipment for each subphase, and estimated earthwork movement amount (if applicable), as provided to PlaceWorks. Project-related construction emissions will be compared to the construction emissions associated with the project site as analyzed in the 2010 Adopted MND for regional and localized emissions. Previous mitigation identified in the 2010 MND will be reviewed and incorporated as needed.

Operational Phase. For purposes of this scope and budget, it is assumed that the proposed project would not result in a substantial increase in emissions compared to the 2010 Adopted MND. PlaceWorks will quantify the potential increase in transportation-related emissions based on trips provided by Fehr & Peers. Emissions will be compared to that associated with the project site as analyzed in the 2010 Adopted MND. Previous mitigation identified in the 2010 MND will be reviewed and incorporated as needed.

Other Areas of Impact. The air quality analysis will identify changes in circumstances, such as the regulatory conditions, since the 2010 Adopted MND. The air quality analysis will include a consistency evaluation of the project's regional emissions to MDAQMD's air quality management plans. Furthermore, the MDAB has since been designated in attainment for carbon monoxide (CO) under both the California and National ambient air quality standards. Therefore, the air quality analysis will include only a qualitative assessment of CO hotspots.

Project Consistency with Plans Adopted to Reduce GHG Emissions. The GHG analysis will also identify changes in circumstances, such as the regulatory conditions, since the 2010 Adopted MND. The GHG section will discuss the GHG reduction goals of Assembly Bill 32 (AB 32), Senate Bill 32 (SB 32), and SB 375. To achieve the GHG reduction targets of SB 32, the California Air Resources Board prepared the 2017 Scoping Plan. In addition, Southern California Association of Governments adopted a regional transportation plan/sustainable communities strategy (2016-2040 RTP/SCS) to ensure that the southern California region can attain SB 375's regional transportation-related GHG reduction goals. Project consistency with these statewide and regional GHG emissions reduction strategies will be reviewed.

Deliverable(s):

- Air Quality and GHG Analysis; modeling data in an appendix to the environmental document.

Task 2.2 Noise (PlaceWorks)

PlaceWorks will evaluate potential noise and vibration impacts for the construction and operational phases of the proposed recreation facility project. The impact assessment document will discuss relevant criteria for noise exposure based on applicable federal, state, and local standards and ordinances, including those in the Municipal Code and General Plan Noise Element. The dominant noise source in the project area is highway traffic and local roadway traffic. The findings of the technical analyses and impact assessment will be provided in a noise and vibration section of the Addendum.

Existing Conditions. The nearest sensitive receptors are single-family homes west of the proposed project. PlaceWorks proposes to assess existing noise conditions and identify the nearest sensitive receptors and other environmental noise characteristics based on PlaceWorks experience of similar noise environments, aerial photography, site plans, and project site photos. Given the roadway configuration around the project site, traffic noise is expected to be the dominant noise source in the area; both now and at project build-out. As such, no field measurements of ambient noise levels are proposed, and existing conditions will be addressed based on data from the project traffic study and available noise contours.

Long-Term Noise. Long-term operational noise impacts will be primarily related to project-generated traffic. PlaceWorks will utilize the traffic forecasts included in the traffic study prepared by Fehr & Peers to conduct a traffic noise impact assessment. Besides traffic, noise sources at the site such as recreational noises and rooftop mechanical equipment would be assessed.

Construction Noise and Vibration. Project-related construction noise will temporarily elevate the ambient noise environment above existing conditions. Potential noise and vibration impacts from construction will be calculated using industry-standard analysis techniques based on the scheduling, equipment mix, hauling, and truck trip information (as provided by the Town). Vibration impacts will be assessed per criteria included in the FTA's guideline document on noise and vibration impact assessment.

Deliverable(s):

- Noise Analysis, to be included as an appendix to the Addendum

Task 2.3 Transportation and Traffic (Fehr & Peers)

Fehr & Peers will provide a Senate Bill 743 (SB 743) compliant assessment of transportation impacts for Vehicle Miles Traveled (VMT) and a review of circulation based on the proposed access for the project and partial closure of Little League Drive. At this time, the Town of Yucca Valley has not adopted a preferred VMT methodology or threshold of significance. The Town is actively participating in the San Bernardino County Transportation Authority's (SBCTA) SB 743 Implementation Pathway project which will guide the Town in choosing its VMT methodology and threshold of significance. The following scope of services assumes that the Town will follow the recommendations of SBCTA. The following technical analyses/studies will be included as appendices to the Addendum.

SB 743 VMT Assessment. Fehr & Peers conduct project-level and cumulative-level VMT screening assessments for the project. Given the community use and local serving nature of the project, it is anticipated that this project will not require a full VMT assessment and a less-than-significant impact can be presumed. In the event that the project cannot be screened out from VMT assessment, Fehr & Peers will submit a modified scope and fee to account for the increase in scope. Fehr & Peers will prepare a memorandum which describes the approach and analysis to comply with SB 743. This memorandum will also address all the CEQA Appendix G checklist questions for the Transportation section including consistency with plans for alternative transportation and transportation safety. This scope assumes up to four hours to respond to comments on the draft memorandum and to assist with incorporation into the Initial Study/MND.

Trip Generation and VMT Estimates. Fehr & Peers will prepare trip generation estimates for weekday and weekend for the proposed project using the Institute of Transportation Engineer's Trip Generation Handbook, 10th Edition. Fehr & Peers will also prepare weekday VMT estimates for the project. Considerations will include relocation of recreational facilities currently held at the high school, relocation of Town staff, and the effects of Little League Road Closure. These estimates will provide net increase in daily trips for the air quality and GHG emissions analysis.

Segment Volumes. Fehr & Peers will estimate daily traffic counts on up to eight roadway segments using intersection data collected for circulation and access review. No traffic forecasts are included in this task. These estimates will be used for the noise analysis.

Circulation and Access Review. The project proposed would result in partial closure of Little League Road to convert the roadway into a pedestrian mall at the Brehm Park site. This would modify access and circulation to the project site. Fehr & Peers will conduct an assessment of the redistribution of project traffic due to the road closure. Fehr & Peers will collect intersection peak hour traffic counts on a typical weekday and weekend at up to four intersections. Traffic counts will be conducted while school is in session and in the winter to account for the seasonal flux of population in the Coachella Valley Association of Government's (CVAG) area.² These intersections

² Please note that the current status of COVID-19 is delaying the acceptable collection of traffic counts. If traffic counts cannot be collected within the project schedule, ADT counts and fleet mix will be estimated based on General Plan EIR counts and model volumes in SBTAM.

will be analyzed with and without project traffic to verify intersection capacity. Synchro 10 Software will be used to perform Highway Capacity Manual (HCM) 6th Edition intersection level of service analysis. If any intersections are not performing within the Town's level of service (LOS) standard, Fehr & Peers will recommend feasible improvements that could bring the intersections to an acceptable LOS. Fehr & Peers will also review the site plan review and provide comments on the driveway access, parking lot access and general circulation. Fehr & Peers will also compare off-street parking provided by the project to Town requirements. This information will be documented in a brief technical memorandum.

Meetings. This scope includes one in-person meeting for project kick-off at the onset of the project. This scope does not include attendance at public meetings or hearings.

Deliverable(s):

- Draft and Final VMT Memorandum
- Draft and final Circulation and Access Memorandum
- Kick-off Meeting Attendance

TASK 3. ADDENDUM

Task 3.1 Screencheck Addendum

PlaceWorks will prepare an Addendum for the proposed project in conformance with CEQA, the CEQA guidelines (Section 15164), and the Town's CEQA Procedures. The Addendum will:

~ Focus on the proposed changes compared to the approved project.

~ Update the environmental conditions for each of the environmental topics that were evaluated in the 2010 Adopted MND to determine if there are any changes in circumstances that would result in any new significant impacts not previously identified.

The Addendum will include a completed environmental checklist and associated discussion that compares the proposed project to the approved project. We will use the standard Initial Study environmental checklist form and include findings of the environmental effects of the project compared to the 2006 Certified EIR, as amended, and 2010 Adopted MND. We will rely on and make use of the analysis and mitigation measures in the 2015 MND.

Please note that, unlike other CEQA documents (e.g., EIR, MND), an Addendum does not require a public review period. Because of this, AB 52 tribal consultation is not triggered by an addendum.

PlaceWorks will coordinate with the Town to obtain any additional or updated information for the proposed project, including construction equipment and schedule information. Project site plans, elevations, and grading plans (as available) will also be used to accurately evaluate project-related impacts.

The completed screencheck Addendum will be submitted to the Town for review and comment.

Deliverable(s):

- Screencheck Addendum (electronic copy only)

Task 3.2 Final Addendum

For the purposes of this proposal, we assume that **one round of review** of the screencheck Addendum by the Town will be necessary. Modification to the scope of work, budget, and time frame may be necessary if additional screencheck reviews are required. Upon receipt of comments from the Town on the screencheck Addendum, PlaceWorks will revise the Addendum accordingly. Upon approval of the final Addendum, we will reproduce the final Addendum and related appendices and submit the final document to the Town.

Deliverable(s):

- Final Addendum (15 hard copies + electronic copy)

TASK 4. CERTIFICATION DOCUMENTS

Since an addendum does not require public review, formal responses to public/agency comments on the Addendum are not anticipated. PlaceWorks will prepare the Mitigation Monitoring and Reporting Program and the Notice of Determination.

Ã **Mitigation Monitoring and Reporting Program.** An addendum cannot have new mitigation; however, mitigation measures in the previous MND may be refined to address changes to the project or availability of new mitigation associated with new technology or conditions. Therefore, PlaceWorks will refine the existing Mitigation Monitoring and Reporting Program (MMRP) for the Town's review and approval, if needed, to address minor changes to the mitigation measures.

Ã **Notice of Determination.** PlaceWorks will prepare the Notice of Determination (NOD) and file the NOD with the San Bernardino County Clerk-Recorder. It is assumed that California Department of Fish and Wildlife (CDFW) fees were paid at the time of the original NOD filing for the Certified EIR with the San Bernardino County Clerk-Recorder. If the receipt of payment is available, repayment of these fees is not warranted.

Deliverable(s):

- MMRP (electronic copy)
- NOD (County filing fee only)

TASK 5. PROJECT MANAGEMENT

Task 5.1 Project Management

PlaceWorks will coordinate closely with the Town to ensure that the Addendum and associated documents are legally defensible, accurate, and useful to decision makers when considering the approval of the proposed project. Project management responsibilities include, task scheduling and assignment; management of resources; monitoring of costs and schedule adherence; management and coordination of subconsultants, including contract administration and accounting; and coordination and communications with the Town. This task is based on one hour per month of the principal-in-charge's time and four hours per month of the project manager's time for the duration of the project. PlaceWorks has assumed that approval of the Addendum can be completed within four months following a complete project description. If this schedule is extended beyond the control of PlaceWorks, a budget augment may be requested for this task.

Meetings and Hearings. PlaceWorks' principal-in-charge and project manager will attend one in-person kick-off meetings and two hearings. The kick-off meeting will be to discuss the proposed project and confirm the project approach, scope, and schedule. Approximately eight hours of PlaceWorks' Associate Principal time are assumed for each in-person meeting or public hearing—the hours noted include preparation, drive, and attendance time. Additional meeting attendance by PlaceWorks or Fehr & Peers staff at the City's request will require a contract amendment and be billed in accordance with the hourly rates for the personnel involved, as included in this proposal.

Deliverable(s):

- 1 kick off meetings
- 2 hearings (Planning Commission and Town Council)

Proposed Schedule

The schedule in Table 1 is based on the availability of a complete project description (including construction phasing) and receipt of the authorization to proceed and signed contract. Fehr & Peers will prepare the VMT Memorandum within four week of a complete project description. Additionally, Fehr & Peers will complete the Circulation and Access Memorandum within eight weeks of receipt of all requested data essentials to complete the study. The preparation and processing of an addendum and all associated technical analyses/studies are anticipated to require approximately three months to complete. PlaceWorks will work to meet the scheduling objectives of the City and Applicant.

Table 1. Proposed Schedule

TASK	DATE DUE
Task 1 – Project Initiation	4 weeks
Task 2 – Technical Studies	8 weeks - VMT Memorandum: 4 weeks - Circulation & Site Access Memorandum: 8 weeks - Air Quality, GHG, and Noise: 4 weeks after VMT Memorandum
Task 3 – Addendum	Screencheck: 4 weeks Final: 1 week
Task 4 – Certification Documents	Within 5 days of project approval

Cost Estimate

PlaceWorks will complete the environmental and technical services outlined in this proposal for a fee not to exceed \$71,320 (see Table 2). Costs are billed on a time-and-materials basis and are based on PlaceWorks’ 2020 Standard Fee Schedule, provided below.

Table 2. Cost Estimate

TASK	COST
Labor	
Task 1 – Project Initiation	\$4,275
Task 2 – Technical Studies	\$42,555
Task 2.1 – Air Quality and GHG Emissions	\$7,450
Task 2.2 – Noise	\$6,505
Task 2.3 – Transportation and Traffic (Fehr & Peers)	\$28,600
Task 3 – Addendum	\$15,020
Task 3.1 – Screencheck Addendum	\$13,055
Task 3.2 – Final Addendum	\$1,965
Task 4 – Certification Documents	\$875
Task 5 – Project Management	\$7,365
Task 5.1 – Project Management	\$3,080
Task 5.2 – Meetings and Hearings	\$4,285
Labor Total	\$70,090
Reimbursable Expenses¹	
Mileage (assumes three round trips to Yucca Valley)	\$380
Final Addendum (15 hard copies and 15 CDs)	\$550

Table 2. Cost Estimate

TASK	COST
Miscellaneous Copies and Mailings	\$250
NOD Filing Fee	\$50
Reimbursable Expenses Total	\$1,230
GRAND TOTAL	\$71,320

¹ Subconsultant costs are billed at cost plus 10%. Reimbursable expenses are billed at our current rates plus 2% of labor for office expenses. Mileage is billed at the current IRS-approved rate. Assumes that the CDFW fees were paid at the time of the original NOD filing.

PlaceWorks – 2020 Standard Fee Schedule

STAFF LEVEL	HOURLY BILL RATE
Principal	\$215-\$335
Associate Principal	\$190-\$235
Senior Associate/Senior Scientist	\$160-\$215
Associate/Scientist	\$135-\$170
Project Planner/Project Scientist	\$105-\$145
Planner/Assistant Scientist	\$80-\$110
Graphics Specialist	\$90-\$135
Administrator	\$145-\$200
Clerical/Word Processing	\$45-\$150
Intern	\$75-\$95

Subconsultants are billed at cost plus 10%.

Mileage reimbursement rate is the standard IRS-approved rate.

Last Update: 2020-01-03