

LOWER RIO GRANDE PUBLIC WATER WORKS AUTHORITY

MINUTES - REGULAR BOARD OF DIRECTORS MEETING

9:00 a.m. Wednesday, November 16, 2011 at the Vado Office, 325 Holguin Road

{NOTE: Minutes are a DRAFT until they are approved & signed by the Board of Directors}

- I. **Sign in, establish quorum, call meeting to order:** Sign in sheet and agenda are attached. Board Members present were Chairman Roberto "Marty" Nieto, Secretary Santos Ruiz and Director Blanca Martinez. Absent were Vice-Chairman John Holguin and Director Rosaura Pargas. Staff members present were General Martin Lopez, Finance Manager Kathi Jackson, Projects Manager Karen Nichols, Operations Manager Mike Lopez and HR/Payroll Specialist Connie Garcilazo. Also present were Ms. Christine Anderson and Sandra Franco from Spaceport Americ, Mr. Bernardino Olague of AT Analytica, and Ms. Espie Holguin from HUD. The meeting was called to order by Mr. Nieto at 9:08 a.m. {:41}
- II. **Approval of agenda:** Ms. Martinez made a motion to approve the Agenda, Mr. Ruiz seconded and it carried on a vote of 3-0. {1:05}
- III. **Approval of Minutes of 10/19/11 and 10/31/11:** A motion was made by Ms. Martinez and seconded by Mr. Ruiz to approve the minutes dated 10/19/11 and 10/31/11 (attached). The motion carried on a vote of 3-0. {1:46}
- IV. **Guest Presentations**
 - A. **Christine Anderson, Spaceport America:** Ms. Anderson made a presentation about the different aspects of the Spaceport America stating that this is the first private spaceport in the country and explaining how Dona Ana county residents are impacted by this project. Her presentation is attached. {42:34}
 - B. **Bernardino Olague, P.E., A T Analytica LLC RE: NAD Bank Community Assistance Program:** Mr. Olague gave a presentation (attached) about the NAD Bank CAP grant program for low income communities in the U.S-Mexico Border region. {54:54}
- V. **Public Input - 15 minutes total allotted for this item, 3 minute time limit per person, may be continued after Item VIII by board action:** NONE {55:07}
- VI. **General Manager's Reports**
 - A. **Management Report:** The General Manager's Martin Lopez written report was in the board packet (attached), and he reviewed it with the board. {59:33}
 - B. **Finance Report:** Ms. Jackson informed the board members that she has been working with the auditor, and that Financial Reports will be presented at the next board meeting. {1:00:58}
 - C. **Projects Report:** Ms. Karen Nichols written report (attached) was in the board packet, and she reviewed with the board. 1:18:59}
 - D. **Operations Report:** Mr. Mike Lopez' written report was in the board packet (attached) and Mr. Lopez reviewed it with the board, reporting no major problems in the system. {1:23:46}
- VII. **Unfinished Business**
 - A. **None** {1:24:09}
- VIII. **New Business**
 - A. **Availability of SCCOG Training re: Planning:** Ms. Nichols described the training Ms. Bloom has been presenting at SCCOG board meetings and asked if the board would like to schedule her to

present some of her material at one of their meetings. Mr. Nieto agreed that staff should select the appropriate modules and schedule a presentation from Ms. Tiffany Bloom for the board. {1:25:55}

B. Employee Handbook – POSTPONED TO NEXT MEETING {1:26:39}
Mr. Lopez informed the board members that Meter Reader Crystal Perez had an accident on the job: she forgot to put the truck on park and ran over herself. She was taken to the hospital, is fine, and is back to work.

C. December Training event-Mr. Lopez will coordinate something and notify the board. {1:40:04}

D. Re-appoint LRGMDWA Board: Roberto Nieto, John Holguin, Mike Guillen, Gabriel Gutierrez, Ismael Borunda, Santos Ruiz: Mr. Lopez explained that until the last Colonias Initiative funding is fully expended, we need to have this board remain in place, and since it was appointed by the former mutual domestic association boards, this board will need to reappoint as their successor. Mr. Nieto made a motion to re-appoint same previous board for the Lower Rio Grande Mutual Domestic Water Association for a two year term. Mr. Ruiz seconded motion and it carried on a vote of 3-0. {1:43:00}

IX. Other discussion and agenda items for next meeting on 12/21/11: Discussion on purchase of new vehicles. December meeting date changed to 12/07/11 at 9:00 am. Employee Handbook and Water Rates Study will be presented. {2:03:59}

X. Adjourn Mr. Ruiz made a motion to adjourn the meeting at 11:12a.m. Ms. Martinez seconded and it carried on a vote of 3-0.

Date Minutes Approved: _____

Directors Present:

Chairman Roberto M. Nieto

Absent
Vice- Chairman John Holguin

Secretary Santos Ruiz

Absent
Director Rosaura Pargas

Director Blanca Martinez

Lower Rio Grande Public Waterworks Authority Sign In Sheet

Date: Nov 16, 2011 Time: 9am Place: Valle Office Meeting Type: Regular

| Name, Title - Print Sign | Company or Agency Represented | Mailing Address | Telephone | Email |
|---|----------------------------------|---|---------------------------------|---|
| <u>Martín Lopez</u> | <u>LRG Puma</u> | <u>P.O. Box 2676</u> <u>Anthony, NM 88021</u> | <u>575</u> <u>571-3625</u> | <u>martin.lopez@</u> <u>lrgauthority.org</u> |
| <u>Rafael M. Neri</u> | <u>LRG Puma</u> | <u>P.O. Box 2676</u> <u>Anthony, NM 88021</u> | <u>575</u> | |
| <u>Chris Anderson</u> | <u>NMSA</u> | <u>901 E. University</u> <u>Las Cruces NM</u> | <u>505 373</u> <u>6110</u> | <u>christine.anderson@</u> <u>spaceamerica.com</u> |
| <u>Sandra Francisco</u> | <u>NMSA</u> | <u>901 E. University</u> <u>Las Cruces NM</u> | <u>575-373</u> <u>6110</u> | <u>Sandra.Francisco@</u> <u>spaceamerica.com</u> |
| <u>Michael Lopez</u> | <u>LRG Puma</u> | <u>P.O. Box 2676</u> <u>Anthony, NM 88021</u> | <u>575</u> <u>635-3921</u> | <u>mlopez@lrg</u> <u>authority.org</u> |
| <u>Kathy Jackson Finance Manager</u> | <u>LRG Puma</u> | <u>P.O. Box 2676</u> <u>Anthony, NM 88021</u> | <u>(575)</u> <u>233-3947</u> | |
| <u>Connie Giacchino</u> | <u>LRG Puma</u> | <u>P.O. Box 2676</u> <u>Anthony, NM 88021</u> | <u>575 882-5072</u> | <u>connie.giacchino@</u> <u>lrgauthority.org</u> |
| <u>Charles</u> | <u>LRG Puma</u> | <u>P.O. Box 106-106</u> <u>Brown, NM</u> | <u>882 5937</u> | |
| <u>Bernardino Olague</u> <u>Principal Engineer</u> | <u>AT Analytica</u> | <u>735 Gung Love</u> <u>El Paso TX 79922</u> | <u>(915) 240-1995</u> | <u>bolague@atanalytica.</u> <u>com</u> |
| <u>Espinoza Helga</u> | <u>HRD</u> | <u>2511 N Tels Rd</u> <u>Las Cruces NM 88011</u> | <u>575 635-1289</u> | <u>Espinoza.Helga@</u> <u>hrd.org</u> |
| <u>Blana Mante</u> | <u>HRD</u> | <u>1400 San Jose</u> <u>Agua Nueva NM 88001</u> | <u>575</u> <u>642-3551</u> | <u>blana.mante@</u> <u>hrd.org</u> |

LOWER RIO GRANDE PUBLIC WATER WORKS AUTHORITY

MEETING NOTICE & AGENDA - REGULAR BOARD OF DIRECTORS MEETING

9:00 a.m. Wednesday, November 16, 2011 at the Vado Office, 325 Holguin Road

Agendas are final 24 hours prior to the meeting and may be obtained at any LRG PWWA Office – call 575-233-3947 for information

- I. Sign in, establish quorum, call meeting to order
- II. Approval of agenda
- III. Approval of Minutes of 10/19/11 and 10/31/11
- IV. Guest Presentations
 - A. Christine Anderson, Spaceport America
 - B. Bernardino Olague, P.E., A T Analytica LLC RE: NAD Bank Community Assistance Program
- V. Public Input - 15 minutes total allotted for this item, 3 minute time limit per person, may be continued after Item VIII by board action:
- VI. General Manager's Reports:
 - A. Management Report
 - B. Finance Report
 - C. Projects Report
 - D. Operations Report
- VII. Unfinished Business:
 - A. None
- VIII. New Business:
 - A. Availability of SCCOG Training re: Planning
 - B. Employee Handbook – POSTPONED TO NEXT MEETING
 - C. December Training event
 - D. Re-appoint LRGMDWA Board: Roberto Nieto, John Holguin, Mike Guillen, Gabriel Gutierrez, Ismael Borrunda, Santos Ruiz
- IX. Other discussion and agenda items for next meeting on 12/21/11
- X. Adjourn

If you are an individual with a disability who is in need of a reader, amplifier, qualified sign language interpreter, or any other form of auxiliary aide or service to attend or participate in the hearing or meeting, please contact the LRG PWWA office at 575-233-3947, 325 Holguin Rd, Vado NM 88072 at least one week prior to the meeting or as soon as possible. Public documents, including the agenda and minutes, can be provided in various accessible formats. Please contact the LRG PWWA office if a summary or other type of accessible format is needed.

Si es un individuo con una incapacidad esta en necesidad de un lector, amplificador, lenguaje por senas, o cualquier otra forma de asistencia o servicio para atender o participar en las juntas, por favor llame a la oficina LRG PWWA office at 575-233-3947, 325 Holguin Rd, Vado NM 88072 una semana antes de la junta o en cuanto posible. Documentos públicos, incluyendo la agenda y minutos, están disponibles en varios formatos. Por favor opóngase en contacto con la oficina LRG PWWA si un resumen o otro tipo de forma accesible es necesario.

LOWER RIO GRANDE PUBLIC WATER WORKS AUTHORITY

MINUTES - REGULAR BOARD OF DIRECTORS MEETING

9:00 a.m. Wednesday, October 19, 2011 at the Vado Office, 325 Holguin Road

Agendas are final 24 hours prior to the meeting and may be obtained at any LRGPWWA Office – call 575-233-3947 for information

- I. **Sign in, establish quorum, call meeting to order:** Sign-in sheet and Agenda are attached. Board members present were Chairman Roberto “Marty” Nieto, Vice-chairman John Holguin, Secretary Santos Ruiz, and Director Blanca Martinez. Director Rosaura Pargas was absent. Staff members present were General Manager Martin Lopez, Finance Manager Kathi Jackson, Operations Manager Mike Lopez, Projects Manager Karen Nichols and Payroll/HR Specialist Connie Garcilazo. Also present were Ms. Olga Morales of Rural Community Assistance Corporation, Mr. Matt Dyer of Parkhill, Smith & Cooper, Alto de las Flores President Antonio Chavez, Mr. Tod Phinney of WHPacific, Inc., Mr. Evaro from La Mesa and Ms. Espie Holguin of HUD. Mr. Nieto called the meeting to order at 9:02 a.m. {37}
- II. **Approval of agenda:** Mr. Holguin made a motion to approve the Agenda, Mr. Ruiz seconded, and it carried on a vote of 3-0. {49}
- III. **Approval of Minutes of 9/21/11:** Mr. Holguin made a motion to approve the Minutes (attached) with a correction on item III. to add an “r” to Ms. Martinez, Mr. Ruiz seconded, and it carried on a vote of 4-0. {2:08}
- IV. **Guest Presentations – Tod Phinney, WHPacific:** Mr. Phinney made a presentation (attached) regarding WHPacific Firm and explained their different areas of expertise {27:28}
- V. **Public Input - 15 minutes total allotted for this item, 3 minute time limit per person, may be continued after Item VIII. by board action:** Mr. Evaro, a La Mesa customer and former director of La Mesa MDWCA had question on status of Water Office Building and the status of the Well # 1 and the new La Mesa Well Project. Mike Lopez replied that the old La Mesa Well #1 is offline, and Ms. Nichols gave an update on the two La Mesa projects (see Projects Report VI. C) {32:19}
- VI. **General Manager’s Reports:**
 - A. **Management Report:** The General Manager's Martin Lopez’ written report was in the board packet (attached), and he reviewed it with the board. Ms. Nichols announced that Mr. Lopez is receiving the Joe Guillen Award at the NM Infrastructure Conference, and Ms. Jackson brought cake to celebrate. {36:04}
 - B. **Finance Report:** Ms. Jackson reviewed (attached) written report with the board. Ms. Jackson informed the Board that budget submitted was approved by DFA that Crystal was hired as meter reader, and that Ms. Morales of RCAC will assist with water rates review. {44:45}
 - C. **Projects Report:** Ms. Nichols’ Projects Report is attached in the board packet and was reviewed with the board. {53:00}
 - D. **Operations Report:** Mike Lopez Operations Manager handed out written report (attached) and reviewed it with the board, and no major problems in the system were reported. {56:54}
- VII. **Unfinished Business:**
 - A. NONE {57:00}
- VIII. **New Business:**
 - A. **Closed Session:** Mr. Ruiz made a motion, seconded by Ms. Martinez, to postpone the close session items A 1. and 2. Motion carried on a vote of 3-0. {57:57}

1. **Motion to convene in closed session pursuant to NMSA 1978 Section 10-15-1 (H)(7) regarding threatened litigation – Roll Call Vote: POSTPONED**
2. **Motion to resume the open meeting and statement by the Chair that affirming that the matters discussed in the closed meeting were limited to those stated in the motion to close: POSTPONED**

- B. Emergency Interconnect & Supplemental Well w/Alto de los Flores:** Ms. Morales Rural Community Assistance Corporation representative and Mr. Antonio Chavez Alto de las Flores Water President ask the board for emergency interconnection of water lines. Mr. Ruiz made a motion to approve Emergency Interconnect & Supplemental Well with Alto de las Flores, Ms. Martinez seconded the motion, and it carried on a vote of 3-0. Mr. Lopez informed the board that the cost will be around \$20,000. {1:06:00}
- C. Resolution 2012-6 Application to Water Trust Board for Surface Water Plant Project Design Funds:** Mr. Ruiz made a motion to approve Resolution 2012-6 Application to Water Trust Board for Surface Water Plant Project Design Funds, and it was seconded by Ms. Martinez. The motion carried on a vote of 3-0. {1:07:08}
- D. Engineering Services Agreements (ESA & EJCDC)/ Vencor for Berino/Mesquite-Del Cerro Project (pending agency approval):** Mr. Ruiz made a motion to approve the Engineering Services Agreements (ESA & EJCDC) with Vencor Engineering for Berino/Mesquite-Del Cerro Project. Ms. Martinez seconded the motion and it carried on a vote of 3-0. {1:12:06}
- E. Appoint selection committee for Surface Water Plant RFP:** The following people were selected for the Surface Water Plant RFP Selection Committee: Mr. Nieto, Mr. Ruiz, Ms. Jackson, Mr. Javier Gutierrez, Mr. Martin Lopez, Mr. Arturo Uribe, Ms. Olga Morales, and an employee of the Dona Ana Mutual if available. Ms. Martinez made a motion to appoint those people to the Selection Committee. The committee meeting will be Friday at 10:00 a.m. at the Vado Office. Mr. Ruiz seconded motion and it carried on a vote of 3-0. Finalist Interviews and Special Board Meeting to select an engineering firm for this project will be October 31st at 9:30 a.m. at the Vado Office. {1:20:29}
- Mr. Nieto adjourned the meeting to take a break at 10:23 a.m. and called the meeting back into session at 10:40 a.m.
- F. Resolution 2012-7 Application to CDBG, public hearings:** Ms. Nichols explained that this item is information and will be an action item at the next meeting, and she briefly discussed the public hearing process for CDBG. A motion was made by Mr. Ruiz and seconded by Ms. Martinez to postpone this item on a vote of 3-0 motion carried. {1:26:50}
- IX. Other discussion and agenda items for next meeting on 11/16/11 at 9:00 a.m.** The next meeting will be on 11/16/11 at 9:00 a.m. Ms. Christine Anderson, will make a presentation on Spaceport America and the Employee Handbook will be presented to the board. {1:36:50}
- X. Adjourn:** Mr. Ruiz made a motion to adjourn the meeting, Ms. Martinez seconded and it carried on a vote of 3-0. Mr. Nieto declared the meeting adjourned at 10:57 a.m.

Date Minutes Approved: _____

Directors Present:

Chairman Roberto M. Nieto

Vice- Chairman John Holguin

Secretary Santos Ruiz

ABSENT
Director Rosaura Pargas

Director Blanca Martinez

LOWER RIO GRANDE PUBLIC WATER WORKS AUTHORITY

MINUTES - SPECIAL BOARD OF DIRECTORS MEETING

9:30 a.m. Monday, October 31, 2011 at the Vado Office, 325 Holguin Road

NOTE: Minutes are a DRAFT until approved and signed by the Board of Directors

- I. **Sign in, establish quorum, call meeting to order:** Sign-in sheet, Agenda and Selection Committee Tally Report are attached. President Roberto Nieto called the meeting to order at 9:33 a.m. Directors present were Mr. Nieto, Vice-president John Holguin and Secretary Santos Ruiz. Director Blanca Martinez had called to say she was running late and arrived after item II. Staff members present were General Manager Martin Lopez and Projects Manager Karen Nichols.
- II. **Approval of agenda:** Mr. Holguin made a motion to approve the agenda, Mr. Ruiz seconded, and it carried unanimously.
- III. **RFP 2012-1 – Selection Committee Recommendations & Engineering Firm Interviews:**
Handouts from the Interviewees are attached.
- 9:30 a.m. – **Molzen Corbin:** Jerry Paz and Clayton Teneyck were interviewed. {32:14}
- 10:00 a.m. – **Bohannan Huston:** Rob Richardson, Matt Thompson and Robert Fundie were interviewed. {1:05:07}
- 10:30 a.m. – **Parkhill, Smith & Cooper:** Brian Stephens, Keith Rutherford, Gilbert Andujo and Matt Dyer were interviewed. {1:39:13}
- The audio recording was paused at 11:13 a.m. and resumed at 11:25 for a bio-break.
- IV. **Selection of an engineering firm for the Surface Water Treatment Plant Project:** Ms. Martinez made a motion to select Bohannan Huston, Inc., Mr. Ruiz seconded, and there was some discussion. Consensus from the discussion was that all three firms made a very positive impression, and BHI in their partnership with CDM expressed the most thorough grasp of the project requirements. The motion carried on a vote of 4-0.
- V. **Adjourn:** Mr. Holguin made a motion to adjourn, Mr. Ruiz seconded, and it carried unanimously. Mr. Nieto declared the meeting adjourned at 11:30 a.m.

Date Minutes Approved: _____

Directors Present:

Chairman Roberto M. Nieto

Director Blanca Martinez

Vice- Chairman John Holguin

Secretary Santos Ruiz

ABSENT
Director Rosaura Pargas



where the old frontier meets the new frontier



**LOWER RIO GRANDE
PUBLIC WATER WORKS AUTHORITY BRIEFING
NOV 16, 2011**

**Christine Anderson
Executive Director
New Mexico Spaceport Authority**



VISION

- **World's premier commercial space launch facility providing first class service to our customers and delighting and inspiring our visitors**

MISSION

- **Provide safe, efficient and effective service for commercial space launch customers**
- **Provide safe, efficient and effective service for aerospace research and development customers**
- **Provide an educational, inspirational and fun experience for visitors**

Why now?



- **National Space Policy**
 - “The United States is committed to encouraging and facilitating the **growth of a U.S. commercial space sector** that supports U.S. needs, is globally competitive, and advances U.S. leadership in the generation of new markets and innovation-driven entrepreneurship.”


- **Space Shuttle retirement 2011**

- **Military and Civil space investments in technology**

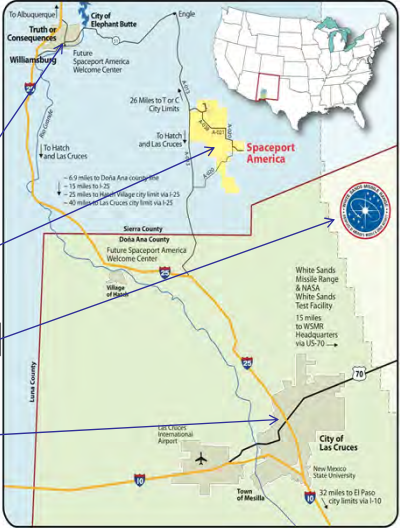
- **Market demand strong and growing**

3

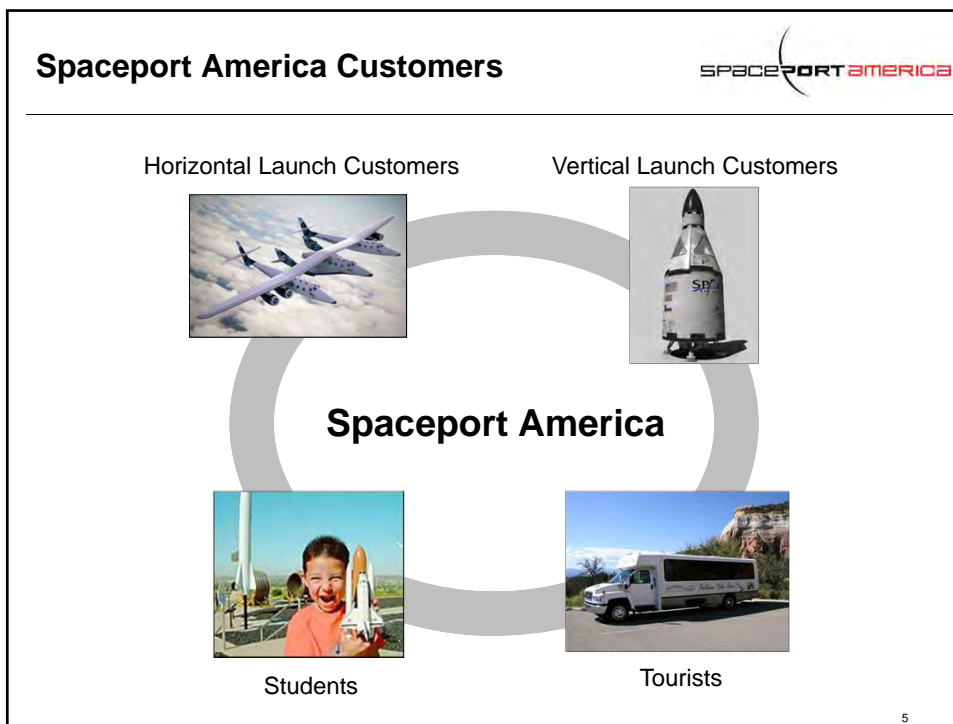
Why Spaceport America?



- Close proximity to White Sands Missile Range
 - Use of restricted airspace
- Easy access from Interstate 25
- Approx 18,000 acres
- Sparse population
- 4600 ft above sea-level
 - Less fuel, more payload
- Excellent year-round weather
- Operations tailored to customer requirements




4



Visitor Experience – coming 2013

- **Locations**
 - Welcome centers off I-25 (approximate areas in T or C and Hatch)
 - Onsite visitor center
 - Guard station/entrance
 - 4000 sq ft in the VG Bldg
- **A Typical Visitor Day**
 - Immersive exhibits
 - “Edutaining” Activities
 - Launch Viewing
 - Shopping and Dining



Spaceport America intended as inspiration to students

6

Educational Imperative



- **United States currently ranks* below global peers:**
 - 14th in reading literacy
 - 25th in math
 - 17th in science
 - Below South Korea, Finland, and Shanghai China
 - 9th in proportion of young people with college degrees
 - Spends more per student than 57 of 60 ranked countries

*2009 Program for International Student Assessment (PISA) results, Organization for Economic Cooperation and Development (OECD)

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Spaceport for Education



- **25% of Spaceport Gross Receipts Tax collected distributed to local public education systems**
- **~\$2 million / year goes to public education in Doña Ana and Sierra County**
 - Hatch: ~\$100,000 in FY11
 - T or C: ~\$130,000 in FY11
 - Las Cruces: ~\$950,000 in FY11
 - Gadsden: ~\$800,000 in FY11
- **Spaceport America can be an ideal student motivator**
 - Student Launch Program
 - Field trips, Summer workshops for students and teachers
 - NMSA plans to provide direct curriculum and teacher professional development

**Over \$4 million to date
disbursed for education**

8

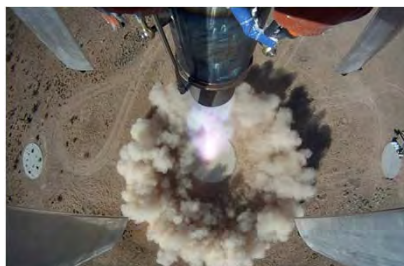
Visitor Experience – coming 2013



Flight activity highlights



- Armadillo Aerospace conducted their first launch on May 14; second on June 11
- Boeing has been conducting flight testing of a helicopter avionics system from May 15 – July 15
- Student launch on May 20; 800+ students involved
- 12 vertical launches to date
 - Lockheed Martin, UP Aerospace, Armadillo Aerospace, etc.



Economic Engine Contributor

Spaceport Overall Status



- **Phase 1 Construction 95% complete**
- **Phase 2 Construction / Pre-operations start up 18% complete**
- **Bonds “expire” June 2012, December 2013**
- **Seeking more launch customers**
- **Seeking private investors and partnerships**
- **Ramping-up tourism**

Transitioning from State-funded agency to self-sustaining enterprise

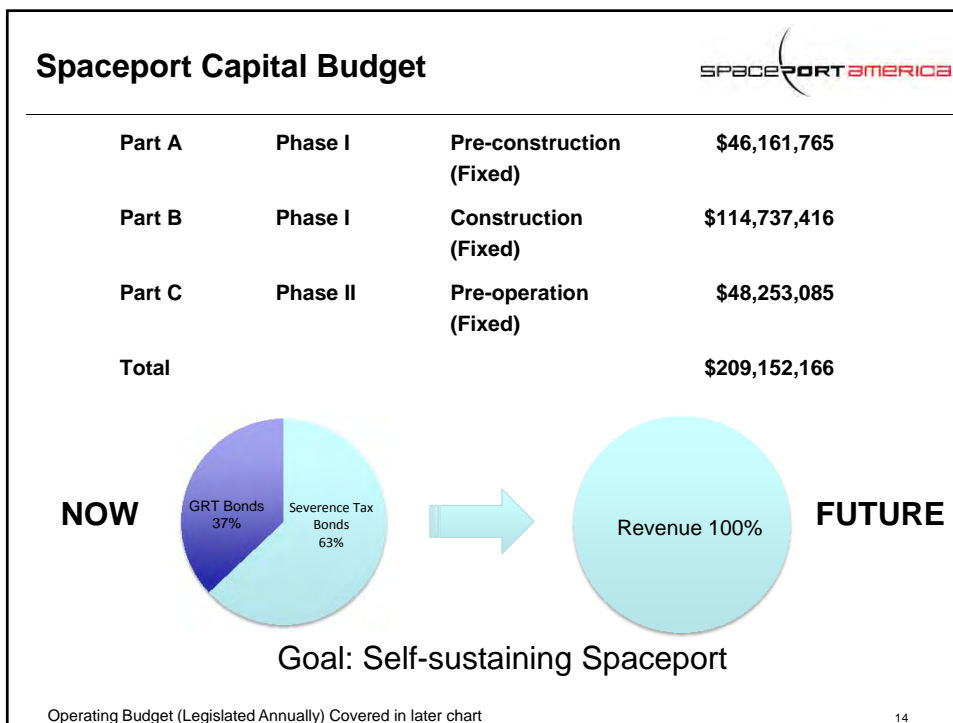
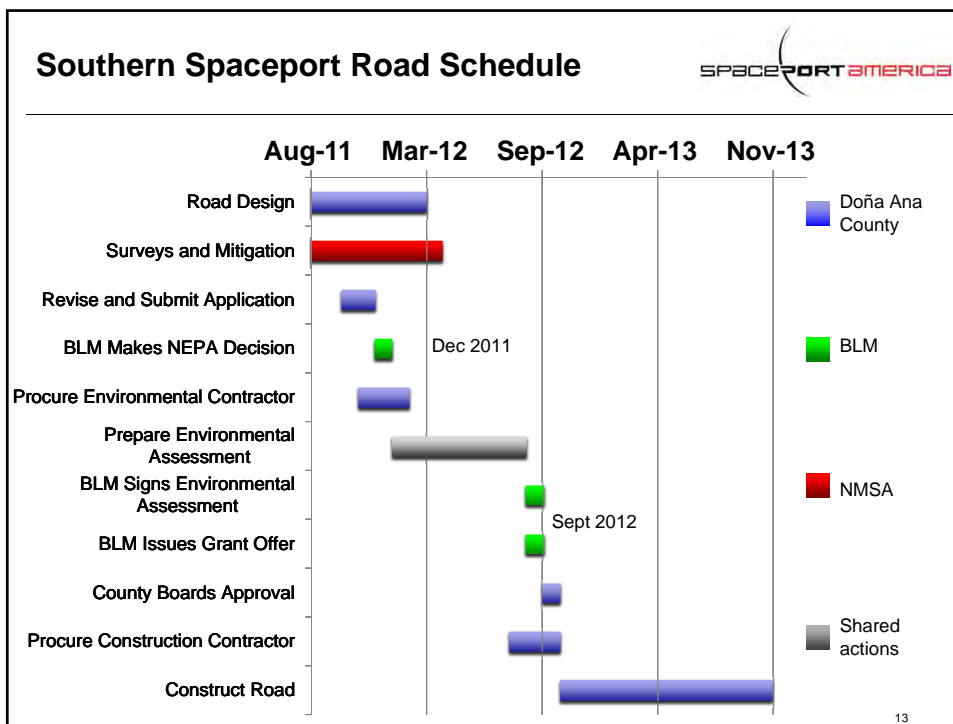
11

Southern Spaceport Road



- **Purpose:**
 - To provide better and more reliable transportation through southern part of Jornada del Muerto to Spaceport America
- **Description:**
 - Use existing Sierra County and Dona Ana County road alignments, with minor alignment adjustments for safety
 - Replace bladed dirt roads with a continuous asphalt road
 - Two 12-foot lanes with 8-foot shoulders
 - Improved erosion control and low-water drainage crossings
- **Agency Roles:**
 - NMSA -- funding project and providing technical assistance/facilitation
 - Dona Ana County -- providing design/engineering services and procuring/managing construction contractor
 - BLM and NM State Land Office -- to provide permits and right-of-ways

12



“Virgin Galactic Gateway to Space”
(formerly the Terminal Hangar Facility)



15

Gateway



16

Gateway and WK2/SS2



17

WK2/SS2 inside Gateway

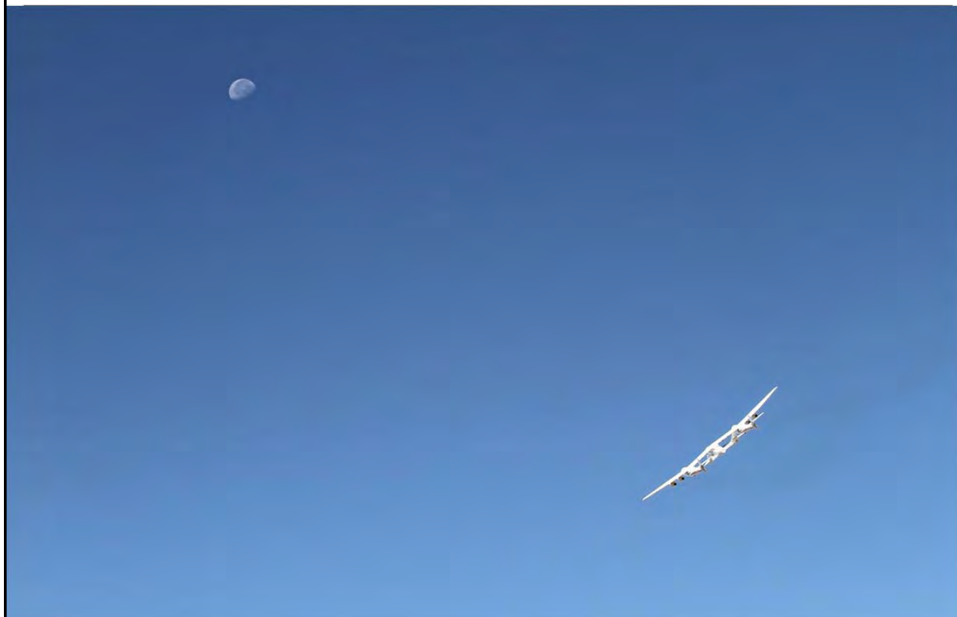


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Gateway Façade



WK2/SS2 aloft over Spaceport America



**Gov. Martinez and Branson Dedicate
“Virgin Galactic Gateway to Space”**



**Project Bandaloop performs on the
“Virgin Galactic Gateway to Space”**



Media Coverage Sept – Oct 2011



- NBC News/KOBT TV
- The Sun London
- Daily Mail London
- MSNBC
- ABC News/KOAT TV
- Agence France-Presse (AFP)
- New York Times
- Associated Press (AP)
- SPACE.COM
- Las Cruces Sun-News
- El Paso Times
- Albuquerque Journal
- Las Cruces Bulletin
- People Magazine
- CNBC
- Aviation Week & Space Technology
- EFE Spain
- Network 10 Australia
- Seven Network Australia
- Aerospace America
- Odyssey Magazine
- Travel Channel
- Aviation Week & Space Technology
- Space Politics & The Space Review
- Stuttgarter Zeitung
- CBS News KRQE/KASA TV
- Zoomer Magazine
- Kyodo News Japan
- FOX News/KFOX TV El Paso
- NHK Japan
- New Mexico Magazine
- Popular Science
- TVNET Portugal
- New Scientist
- Parabolic Arc
- Channel 9 Australia
- Al Jazeera
- News22 NMSU
- FlightGlobal Magazine
- Airways Magazine
- Russian Federal Government Broadcasting Company
- Sunday Telegraph
- Time Magazine
- El Mundo Mexico
- Globo TV Brazil
- Sierra County Sentinel
- Yomiuri Shimbun
- Canadian Broadcasting Company (CBC)

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Spaceport Operations Center



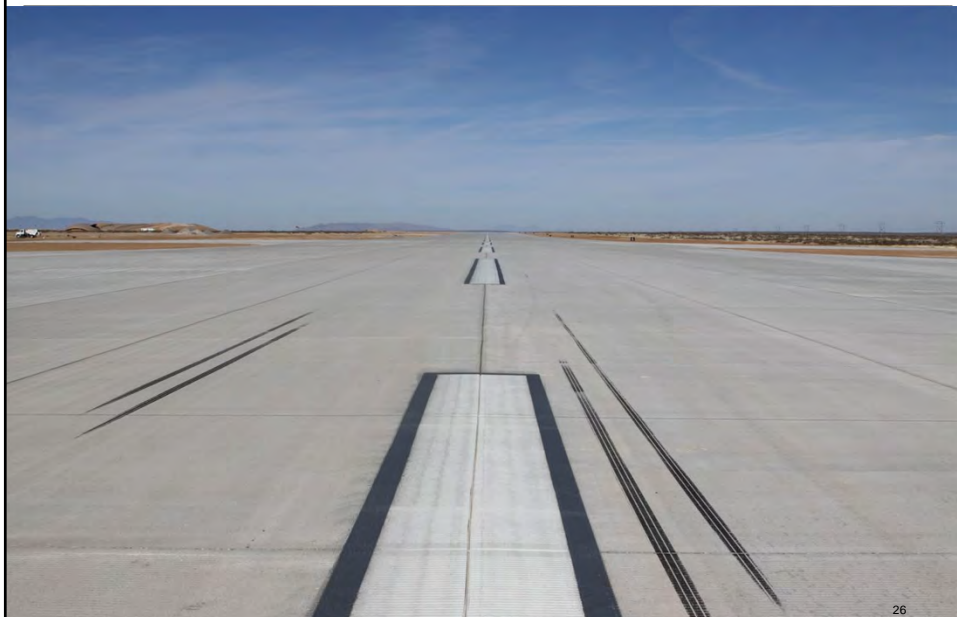
24

Gateway and SOC



25

Spaceway 16-34



26

Launch Complex One



27

Spaceport Utility Infrastructure



Wastewater Treatment Plant



Fuel Storage Depot



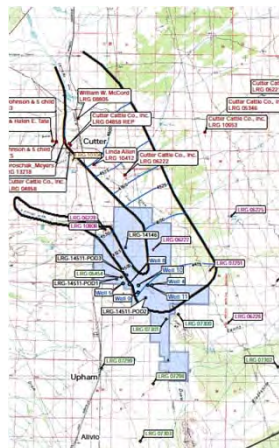
1.3M gal Water Storage & Booster Station

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Water Summary

Regional Hydrology Analysis

- **Shomaker Executive Report of Ground-Water Supply for Spaceport America**
- **Regional Water Breakdown Three (3) Major Segments**
 - Northern Jornada Basin
 - **Central Jornada Basin**
 - Southern Jornada Basin
- **Spaceport within the Central Jornada Basin**
- **Central Jornada has two (2) Aquifers:**
 - **Saturated Alluvium Aquifer – Four (4) Spaceport Wells**
 - Bedrock Units Aquifer – Romero Well and Cutter Residents
 - Aquifers are separated by Jornada Fault Zone as noted by Shomaker



Spaceport Wells are in a separate aquifer

NMSA Water Wells



- **NMSA contracted with Smithco Construction Inc.**

- Site Water/Water Storage/Booster Pump Contract
- NTP August 5th, 2009



- **Smithco Contract Status**

- Approx. 99% complete
- Water Well Infrastructure complete
- Well Activation complete, testing underway

Finalizing and Testing of NMSA Wells

31

NMSA Water Wells



- **Detailed Water Well Information**

- **Four (4) Production Well Installed**

- Well 4 – LRG-14148
- Well 5 – LRG -14149
- Well 9 – LRG-14278
- Well 11 – LRG-14359



- **Avg. Depth 161'**
- **Est. combined production is 100 gpm or 112 ac-ft/yr.**
- **Saturated Alluvium Aquifer along the Yost and Aleman Draws**
- **The estimated recharge is 100 ac-ft/yr**

NMSA water production for construction and operations

Jobs, Jobs, Jobs

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Spaceport-related Economic Development

Near-Term (now – 2012) Unsustained Growth

- Construction, architecture, management jobs
- Increased hotel occupancy and rentals

Mid-Term (2013 – 2014) Fluctuating Growth

- Limited spaceport operations jobs
- Tourism start-up
- Fluctuation in launch customers
- VG reaches initial ops capability


Far-Term (2015 – 2016) Sustained Growth

- Spaceport operations jobs
- Increased home sales, hotel occupancy, retail sales, restaurant patronage
- Ancillary spaceport start-up businesses
- Increased sustained vertical launch customers
- At least one new major tenant
- VG reaches full ops capability

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Spaceport Job Creation (2009 – 2012)

(Near term)




- **Doña Ana County (265 Jobs)**
- **Sierra County (126 Jobs)**
- **Other NM (582 Jobs)**
- **Increased GRT collections**

Near term: 973 Jobs

35

Spaceport Job Creation (2013 – 2014)

(Mid-term)



- **DIRECT (182 Jobs)**
 - **NMSA (7)**
 - **Protective Services (25)**
 - **General Services (15)**
 - **Technical Services (5)**
 - **Hospitality Management (20)**
 - **Other Support Service Contracts (10)**
 - **Virgin Galactic initial ops capability (100)**
- **INDIRECT* (269 Jobs)**
 - **Supply Chain (253)**
 - **Indirect Tourism (16)**
- **INDUCED** (113 Jobs)**

Mid-term: 564 Jobs


*Based on NM Tourism Travel Economic Impact Models (1 job created per \$70k spend)
 NMSA Business plan (3,000 visitors)
 NM EDD RIMS II Aerospace Economic Impact Model (2.48 Type I Multiplier)

**Jobs created through spending of Direct and Indirect job wages (3.1 Type II Multiplier, per NM EDD)

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Spaceport Job Creation (2015 – 2016)

(Far-term)



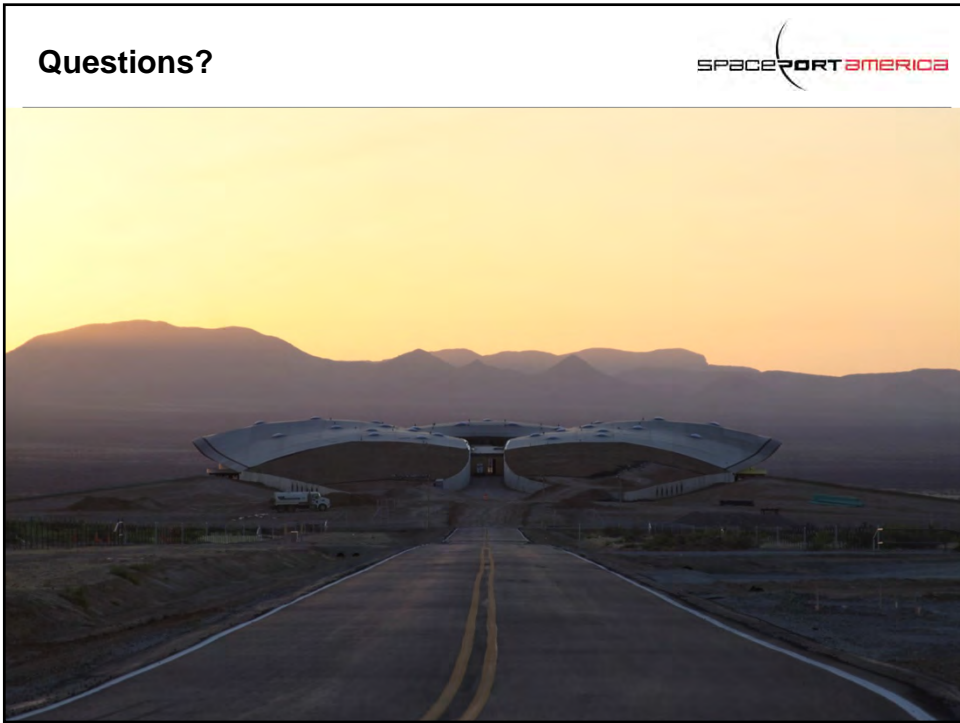
- **DIRECT (477 Jobs)**
 - **NMSA (7)**
 - Protective Services (25)**
 - General Services (25)**
 - Technical Services (10)**
 - Hospitality Management (100)**
 - Other Support Service Contract (10)**
 - **Virgin Galactic full ops capability (200)**
 - **At least one new major tenant (50)**
 - **Increased sustained vertical launch customers (50)**
- **INDIRECT* (1190)**
 - **Supply Chain (706)**
 - **Indirect Tourism (510)**
- **INDUCED** (296 Jobs)**

Far-term: 1988 Jobs

*Based on NM Tourism Travel Economic Impact Models (1 job created per \$70k spend)
 NMSA Business plan (140,000 visitors)
 NM EDD RIMS II Aerospace Economic Impact Model (2.48 Type I Multiplier)

**Jobs created through spending of Direct and Indirect job wages (3.1 Type II Multiplier, per NM EDD)

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COMMUNITY ASSISTANCE PROGRAM

CAP

The North American Development Bank (NADB) in coordination with the Border Environment Cooperation Commission (BECC) is pleased to announce a new funding assistance program for the construction of environmental infrastructure projects including water, wastewater and solid waste activities.

INTRODUCTION

The BECC/NADB Board of Directors has approved the use of a portion of NADB's retained earnings to create the Community Assistance Program (CAP), a new grant program which is intended to support critical environmental infrastructure projects for sponsors with limited or no capacity to incur debt. The grant program targets the implementation of small infrastructure projects to serve economically distressed communities in the U.S.-Mexico border region.

ELEGIBILITY

In order to be eligible for a CAP grant, a project sponsor must meet the following criteria:

A. Project Location:

CAP grants are available for projects located in the U.S.-Mexico border region, defined as the area within 100 kilometers north and 300 kilometers south of the international boundary between the United States and Mexico (the "border region").

B. Debt Capacity

CAP grants are available to project sponsors with limited or no debt capacity.

C. Income

CAP grants are available for projects that benefit communities (i) in the United States with median household income (MHI) at or below the average of the MHI of U.S. counties in the border region or (ii) in Mexico with average household income at or below the average household income of Mexican communities in the border region.



D. Type of Projects

CAP grants are available for public projects in all sectors eligible for NADB financing, with priority given to drinking water, wastewater and solid waste infrastructure. Recipients of grants from the Border Environment Infrastructure Fund (BEIF) are ineligible for grants from the CAP.

MAXIMUM GRANT AMOUNT AND ELIGIBLE USES

Projects may receive a CAP grant for up to US\$500,000. Grants may be used for project construction and related costs, including final design, project management and supervision, as well as other project components, such as equipment.

The project sponsor must contribute at least 10% of the total project cost. On a case-by-case basis, in-kind contributions such as land, equipment, or other tangible assets or cost components of a project may be considered towards fulfilling this contribution.

APPLICATION AND PRIORITIZATION PROCESS

Project Sponsor will have until February 15, 2012 to submit its applications. Once the applications have been collected, NADB and BECC will prioritize projects for certification and CAP funding by considering the following factors:

- A. Project sponsors with the greatest financial need will be given higher priority.**
- B. Project sponsors with a high level of project readiness (i.e. status of project design and environmental clearance) will be given higher priority.**
- C. Projects will also be evaluated for the number of residents benefitted by the proposed infrastructure.**

ADDITIONAL PROGRAM FACTS

1. NADB will perform a financial analysis in order to determine the project's financial needs, including debt capacity and the appropriate amount of CAP funding.
2. All CAP certification and funding proposals will be submitted to the Board of Directors for approval.
3. The period from Board certification and CAP funding approval to the initiation of project implementation shall not exceed nine (9) months. Projects that do not comply with this deadline will be subject to cancellation.
4. NADB's procurement policies and procedures shall apply to all CAP projects, and supervision of project design, construction and follow-up will be consistent with existing NADB and BECC procedures.



APPLICATIONS SUBMITTAL

Project Sponsors interested in the CAP program should send the application/s before Wednesday, February 15, 2012 at 17:00 hours (Juárez, Chihuahua local time.)

Application can be filled-out and sent by internet in the following sites: www.cocef.org or www.nadb.org or mailed to any of both institutions.

The Application form can be reached directly at:

http://www.cocef.org/english/projects/certified/forms/pc_fapp_cap.cfm?lan_gid=1

If you need additional information or would like to see the full program guidelines, please contact:



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NORTH AMERICAN DEVELOPMENT BANK
COMMUNITY ASSISTANCE PROGRAM (CAP)
PROGRAM GUIDELINES

INTRODUCTION

The North American Development Bank (NADB) created the Community Assistance Program (CAP) to support critical environmental infrastructure projects for sponsors with limited or no capacity to incur debt. The grant program focuses on low-income communities in the U.S.-Mexico border region.

FUNDING

The CAP program will be funded out of NADB's retained earnings, in amounts periodically reviewed and approved by the Board of Directors, subject to the availability of funds.

ELIGIBILITY

In order to be eligible for a CAP grant, a project sponsor must meet the following criteria:

- A. Project Location
CAP grants are available for projects located in the U.S.-Mexico border region, defined as the area within 100 kilometers north and 300 kilometers south of the international boundary between the United States and Mexico (the "border region").
- B. Debt Capacity
CAP grants are available to project sponsors with limited or no debt capacity.
- C. Income
CAP grants are available for projects that benefit communities (i) in the United States with median household income (MHI) at or below the average of the MHI of U.S. communities in the border region or (ii) in Mexico with average household income at or below the average household income of Mexican communities in the border region.
- D. Type of Projects
CAP grants are available for public projects in all sectors eligible for NADB financing, with priority given to drinking water, wastewater and solid waste infrastructure. Projects that receive grants from the Border Environment Infrastructure Fund (BEIF) are ineligible for grants from the CAP.

MAXIMUM GRANT AMOUNT AND ELIGIBLE USES

Projects may receive a CAP grant for up to US\$500,000. Grants may be used for project construction and related costs, including final design, project management and supervision, as well as other project components, such as equipment.

PROJECT SPONSOR CONTRIBUTION

The project sponsor must contribute at least 10% of the total project cost in the form of cash. On a case-by-case basis, in-kind contributions such as land, equipment, or other tangible assets or cost components of a project may be considered towards fulfilling this contribution.

APPLICATION, PRIORITIZATION AND FUNDING PROCESS

1. An initial call for CAP grant applications will be announced by NADB and BECC, and such call will include a detailed list of information to be submitted by grant applicants. Applicants will have a period of 90 days after the initial call to submit their applications. Once the applications have been collected, NADB and BECC will prioritize projects for certification and CAP funding by considering the following factors:
 - A. Project sponsors with the greatest financial need will be given higher priority. Projects will be ranked based on the distribution of median (for U.S. communities) or average (for Mexican communities) household income of the beneficiary. The lower the percentile range that the beneficiary falls into the scale, the higher the priority. Projects in the lower percentile range (10th, 20th, 30th percentile) will be given greater priority than those in a higher range.
 - B. Project sponsors with a high level of project readiness (i.e. status of project design and environmental clearance) will be given higher priority.
2. BECC will initiate its certification process for each of the prioritized projects.
3. NADB will perform a financial analysis for each of the prioritized projects in order to determine each project's financial needs, including debt capacity and the appropriate amount of CAP funding.
4. All CAP certification and funding proposals will be submitted to the Board of Directors for approval.
5. The period from Board certification and CAP funding approval to the initiation of project implementation shall not exceed nine (9) months. Projects that do not comply with this deadline will be subject to cancellation.
6. NADB's procurement policies and procedures shall apply to all CAP projects, and supervision of project design, construction and follow-up will be consistent with existing NADB and BECC procedures.

PROGRAM ASSESSMENT

NADB will perform an annual CAP audit and evaluation. This report will be presented to the Board of Directors.



**BORDER ENVIRONMENT COOPERATION COMMISSION
NORTH AMERICAN DEVELOPMENT BANK**



Community Assistance Program Project Application

TYPE OF PROJECT

1. TYPE OF PROJECT:

- | | |
|--|---|
| <input type="checkbox"/> Drinking water infrastructure | <input type="checkbox"/> Solid waste management |
| <input type="checkbox"/> Wastewater infrastructure | <input type="checkbox"/> Landfill construction |
| <input type="checkbox"/> Water conservation | <input type="checkbox"/> Closure or rehabilitation of landfill or open-air dumpsite |
| <input type="checkbox"/> Pollution control/reduction | <input type="checkbox"/> Recycling & waste reduction |
| <input type="checkbox"/> Industrial or hazardous waste | |
| <input type="checkbox"/> Other environmental/human health-related project (specify): _____ | |

PRIMARY APPLICANT INFORMATION

2. NAME OF ORGANIZATION: _____

NAME OF CONTACT PERSON: _____

Type of organization: Public Private

Position: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone No.: _____ Fax: _____

E-mail address: _____

GENERAL PROJECT INFORMATION

3. PROPOSED PROJECT NAME: _____

4. PROJECT LOCATION: _____

- City/County Unincorporated Community/Area Other

5. POPULATION BENEFITED: _____

6. PROVIDE A BRIEF PROJECT DESCRIPTION:

7. PROJECT DEVELOPMENT STATUS:

- | | | |
|--|---|--|
| <input type="checkbox"/> No project development | <input type="checkbox"/> Identified in regional planning | <input type="checkbox"/> Technical development initiated |
| <input type="checkbox"/> Facility planning/preliminary design complete | <input type="checkbox"/> Environmental clearance/permits acquired | <input type="checkbox"/> Final design initiated |
| <input type="checkbox"/> Final design complete | | |

Describe the status of project development completed to date and list any related documents:

Does the sponsor own the land required for the project? Yes No

Please explain:

Are there any pending legal/regulatory issues for the project? Yes No
 Please explain:

8. PROJECT IMPLEMENTATION SCHEDULE:

Anticipated construction period: 3 months 6 months 9 months One year +
 Estimated start-up date: _____
 Estimated completion date: _____

PROJECT GRANT INFORMATION

9. ESTIMATED PROJECT COST (US\$): _____

10. OTHER SOURCES OF PROJECT FUNDING IDENTIFIED:

| Amount | Source | Committed? |
|--------|--------|------------|
| _____ | _____ | YES / NO |
| _____ | _____ | YES / NO |
| _____ | _____ | YES / NO |
| _____ | _____ | YES / NO |
| _____ | _____ | YES / NO |
| _____ | _____ | YES / NO |

11. Currently, grants through this program are limited to a maximum of \$500,000. If a subsidized loan program, with a higher limit, was available to your community, would you be interested in this funding source? Yes No

DOCUMENTATION REQUIREMENTS – PROJECT FINANCING

- Financial statements for last 3 years (attach audited financial statements, if available)
- Technical documents related to project

I acknowledge that BECC/NADB resources are intended to supplement other available funding sources for completing project development and construction activities. I am aware that financial support and commitment¹ for the project must be provided by the appropriate governing body or authority, and shall include the following assurances:

- Sufficient revenues for operation and maintenance of the project will be allocated by the project sponsor.²
- Required project financing (debt and grant/other) will be obtained by the project sponsor.

I hereby certify that the information provided is true and correct. I am aware that any false information or omission of information may subject the project to disqualification from further consideration in the BECC/NADB process and eliminate opportunities for funding.

 Project Sponsor Authorized Signatory

¹ A formal commitment by the appropriate governing body or authority in the form of a resolution will be required for all projects selected for funding opportunities.

² A user rate increase may be required to obtain sufficient revenues to sustain the project.

**LRG PWWA
Manager's Report
November 16, 2011**

- Transfer of Assets from Associations
 - BLM permits transferred-all properties have transferred with the exception of the La Mesa-Mesquite Interconnection Pipeline
 - Lack the USDA construction accounts for the Mesquite water project-need project as-builts from Smithco; O&M Manual from Gannett
- Hwy 192 Bridge: No response from Burn construction to response
- Personnel Policies; Election Policies-Procedures and Newsletter will be addressed prior to year's end
- Authority-Brazito is on hold pending decision to process from new Brazito Board-did not apply for CDBG funding for water project
- Meetings/Trainings:
 - Presented to Organ Water, Nov 15
 - Colonias Trust Board, Court Youth Center in Las Cruces, November 30 at 4:30-7:30 pm
 - La Mesa building project meeting at Severo's at 1 on December 9
 - RD (Berino-Del Cerro/Mesquite LOC project) meeting December 13 at 1:30 pm, Mesquite office

**LOWER RIO GRANDE PUBLIC WATER WORKS AUTHORITY
10/19/11 BOARD OF DIRECTORS MEETING
PROJECTS REPORT**

Authority Construction Projects:

LRG-11-01 - La Mesa Water System Improvements – Molzen Corbin – final design/closing – RD - \$2,040,346: Funding application and Letter of Conditions Notebook redone in the name of the Authority are under review at USDA-RD. Plans & specs submitted to DAC for review on 8/30/11 and Engineering Dept. told us to apply for a variance to road access standards. GM showed them where the ordinance does not apply to our type of entity, and that requirement was dropped. Should have final design by Thanksgiving.

LRG: 11-02.1 -Mesquite Wastewater Project – Gannet Fleming– final RD review before closing - \$7,262,081: Still pending RD review.

LRG-11-02.2 - Authority/Brazito Sewer Project – Vencor – planning – CDBG/SAP: Documents at 65% completion (PER, EID & sewer model) were submitted for review at NMED CPB, PER comments were received from Mr. Deal on 9/14/11 and are being incorporated; EID comments were received on 10/3/11. GM approved 90-day extension on 10/4/11, NMED concurred 11/7/11. Base mapping & field data collection is 95% complete.

LRG-11-03 – Interconnect & Looping Project – Stern Drive project is complete, Castillo Road project is pending resolution of the bridge crossing issues which were under review by the contractor's insurance company. RIP Loan application for Berino/Desert Sands loop is in preparation and has not yet been submitted.

LRG-11-03.4 Mesquite/Brazito Water Emergency Water Interconnect & Supplemental Wells – **prelim. Planning:** Vencor has a preliminary map, nothing to report yet.

LRG-11-04 - Berino & Mesquite/Del Cerro combined Project – Letter of Conditions/final design & review of plans & specs – RD - \$5,420,147/WTB - \$4,371,630: NMFA is holding the portion of the project for which reviews are incomplete. Plans & specifications were submitted to NMED-CPB for review on 9/16/11 and comments were received on 10/13/11 - also submitted to NMED-DWB on 9/19/11, email response that they do not need to approve, letter to follow by mail. Latest teleconference with RD was 11/8/11, and amended LOC with the new budget numbers including the RCAC bridge loan was issued 10/13/11. NMFA attorney John Appel is satisfied with response from our attorney concerning pledge of revenue/election question, Water Trust Board grant/loan documents should be forthcoming. Engineer issued stop work order 11/7/11 due to payment issues, RCAC bridge loan is still pending their November board meeting next week, and RD approval was received 11/9/11 to pay pending invoices, so work has resumed.

LRG-11-05 – Surface Water Treatment Plant – Design phase - PER (approved) & EID (conditionally approved 9/14/11) completed by CE&M, USDA-RD NOI published 7/9/11, public meeting 7/20/11. Bohannon Huston, Inc. was selected on 10/31/11. Application submitted to WTB for design funds on 11/4/11. Meeting is set for 12/1/11 w/engineering firms. Parametrix submitted updated draft EID for review on 10/13/11. Should have an approval from NMED-CPB in about a week.

Authority PERs/EAs/40 Yr. Water Plan:

LRG-12-01 – Authority PER – prelim. planning: CDBG Planning Grant Application submitted thru SCCOG 3/16/11, and we have responded to their requests for more budget detail and additional documents. Tiffany Bloom advised on 10/10/11 that she spoke with Dolores Gonzales DFA, and the application has been rated and ranked and is still pending assignment to a project manager.

Forty-Year Water Plan – CE&M – complete: pending NM-OSE comments/approval. Followed up w/Cheryl Thacker, NM-OSE, she inquired w/Santa Fe office, still pending. No response to a second follow-up email.

Return Flow Credit Plan – CE&M – GF work in progress: 60% complete, engineer has all the data from us & the county that she needs except data & mapping on septic tanks that Sue Padilla is working on. Told her that if it looks like that is forthcoming, delay is acceptable.

Radio Read Meters – in-house – SRF Fund: Rob Pine at NMED-DWB advised that our funding request for \$595,000 is approved: 25% subsidized + 25% grant = 50% grant, 50% loan at 0%. This will purchase 3400 meters at \$175 ea. On 8/31/11 Mr. Pine advised that he expected to be able to move forward with the formal application process in a couple of weeks after resolving procedural changes at NMFA & EPA, and that we are on the list, but he cannot yet assess our chances of receiving funding. Called Megan Marsee at NMED on 11/10/11, she found out that NMED's Intended Use Plan was finally approved by EPA, which was the hold-up, and NMFA has the list of projects, ours is #8.

Individual MDWCA Projects under construction:

Mesquite Water Project – Gannett Fleming – Construction complete, pending close-out:

Work is complete, final disbursement of RD funds was received 11/10/11, project will close as soon as engineer receives releases from subcontractors. Still pending are as-builts from Smithco and O&M manual from Gannett.

LRG MDWA Projects:

Castillo Rd - La Mesa/Mesquite Interconnect – CE&M – construction incomplete: Nothing new to report

La Mesa Building (jointly funded by La Mesa & LGRMDWA) – Molzin Corbin – under construction - NMED - SAP08-3099, Colonias 09-3118: 7 pay requests have been submitted, first 5 have been paid, 6th will be paid as soon as state funds are received. Change Order #1 was approved by NMED-CPB with a credit to us of about \$3,400 and a time extension of 148 days. There will be another change order to extend the time and add a light fixture for the sign and panic buttons to the alarm system. Contractor has completed 95% of the site grading, is working on the parking lot and sidewalk. Contractor has changed building manufacturers due to poor performance from the previous manufacturer. Shop drawings are being reviewed by structural engineer on 11/10/11 and should be back to Duran by 11/11/2011. The new manufacturer is much more responsive and hopes to have a building on site by end of year. Nearly all submittals are complete, once building arrives construction should proceed quickly. We have requested an extension on CI funding thru 4/30/12 which is pending the updated timeline from the contractor.

Other projects:

Website: Board Minutes page is up to date, Updated Home page with video & information about Martin's award at NMIFC, will be working with Mike to put up an Operations Page.

EBID Surface Water Treatment Plant – bid has been awarded to Siemens for traditional treatment package plant. Spoke with Dr. Cadena, will set up a meeting with him and Mr. Magallanes.

Lower Rio Grande PWWA

Operators Report

November 16, 2011

System Problems and Repairs.

- Backflow inspections are current.(Mesquite District)
- Sewer tank inspections are current.(Mesquite District) well
- No Major problems with the Lower Rio Grande system.
- 2 new services in the Berino district.
- 1 new services in La Union.
- We installed a new pump and motor at well #1 Ohara.
- The Gas Chlorine Unit At Well #4 is working fine.
- We have just received the parts we needed to repair well # 10.
- Sewer problems in Mesquite have been very minimal.

NMED: Monthly Bac-T-Samples Have been taken for the Lower Rio Grande PWWA, La Union, and Desert Aire.

Mesquite district Wetlands: The sewer report was completed and Mailed on November 9th.

Chlorine: No problems with Chlorine this month.

Reports: NMED, State Engineers, and the water conservation reports have been sent.

