

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

## **I. Overview**

In 2011 Formula One Management, Ltd. selected Austin as the location for the annual Formula 1 United States Grand Prix from 2012 through 2021. Under the Texas Major Events Trust Fund (METF) statute, the event is eligible for METF support. The Circuit Events Local Organizing Committee (CELOC) agreed to pay the City's contribution to the METF for each of the ten years. On June 29, 2011 City Council authorized CELOC to act on the City's behalf regarding the City's application to the Texas Comptroller of Public Accounts for creation of a METF in support of the Formula 1 United States Grand Prix (USGP).

Agreements between the City of Austin (City) and CELOC and between the City and Circuit of the Americas (COTA) were executed July 31, 2011, having been authorized by City Council Resolution 20110629-002. On July 5, 2012 the City Manager agreed to CELOC's and COTA's proposed modifications to the respective agreements pertaining to the Major Events Trust Fund. These modifications acknowledge that the initial race will occur in November 2012 rather than in June 2012 and that CELOC will apply for post-event reimbursement funding rather than pre-event advance funding from the METF.

Exhibit A to the agreement between the City and CELOC is identical to Exhibit A to the agreement between the City and COTA and contains performance requirements of COTA and CELOC to minimize adverse environmental impacts of the development and the events held there.

CELOC's and COTA's Exhibit A obligations are addressed in this report, as are COTA's other obligations in the agreement between the City and COTA.

Sections II through IX of this report apply to Exhibit A requirements. Obligations in Sections II through VI are monitored by the City's Sustainability Office. Obligations in Section VII are monitored by Austin Transportation Department. Obligations in Sections VIII and IX are monitored by the City's Economic Growth and Redevelopment Services Office. COTA's additional obligations are addressed in Section X and are monitored by the City's Small and Minority Business Resources Department.

Some Exhibit A requirements apply to both COTA and CELOC, while others apply solely to CELOC or to COTA. CELOC's and COTA's obligations are identified in this report.

Exhibit A defines a major event as any event with more than 40,000 attendees, exclusive of employees. Some requirements apply to all major events held at the COTA site. The Formula 1 Grand Prix was the only major event in 2012.

A summary of findings begins on page 42.

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

## **II. Energy and Atmosphere**

### **A. Carbon Offsets**

#### CELOC Obligation (§1.A.1):

1. *Purchase carbon offsets, at a cost not to exceed \$15,000 annually, to achieve carbon neutrality for the net carbon emissions associated with all fuel use and energy demands associated with the Formula 1 race, to include race operations during the event and temporary generation.*
2. *Carbon impacts and neutrality methodology shall be approved by the City of Austin Office of Sustainability.*
3. *Possible tools include GreenSports.org or the Green Sports Alliance.*

#### Measure:

1. Narrative explaining approach to carbon offsets;
2. Carbon offset purchase agreement(s);
3. Tally demonstrating carbon offset purchases of at least \$15K;
4. Backup literature about carbon offsets project / Protocol documents from offset projects;
5. Carbon emission & GHG inventory for F1 Grand Prix; and
6. Letter from CoA Climate Protection Program approving methodology.

#### Findings:

1. COTA's narrative identifies and describes considerations regarding the two carbon offset purchases they made in 2012. In a May 2012 memorandum to COTA, the City specified that 50% of the carbon offset funds are to be used for projects within Texas, registered on a carbon registry and reductions are to be third party verified. COTA selected the El Dorado Nitrogen LP (EDNLP) Nitrous Oxide Abatement Project and purchased \$7,500 of Climate Reserve Tonnes (CRT's) via Trinity Carbon Management LLC.
2. According to §2.a of COTA's narrative, COTA has calculated a greenhouse gas assessment of USGP related activities to generate a carbon footprint for the event. According to §2.e of the narrative, the data collected represents net carbon emissions associated with all fuel use and energy demands associated with the USGP.
3. On January 31, 2013 COTA provided:

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

- a. photographs taken during the 2012 USGP weekend of power generating equipment
  - b. an excerpt from its August 2012 agreement with Trinity Carbon Management, LLC (TCM) for purchase of carbon offsets;
  - c. a calculation showing the \$7,500 purchase price for the 1,875 Climate Reserve Tonnes (CRT's) purchased; and
  - d. a statement of TCM's account showing the purchase of 1,875 CRT's for COTA.
4. According to a February 13, 2012 COTA press release COTA joined the Green Sports Alliance in February 2012.
  5. On February 7, 2013 COTA provided a report regarding its greenhouse gasses (GHG) assessment of the 2012 USGP.
  6. On May 29, 2013 the City inspected COTA's carbon offset purchase agreement with Trinity Carbon Management, LLC (TCM) for purchase of carbon offsets.

Status: Compliant

**B. Local Carbon Offsets**

CELOC Obligation (§1.A.2): *A minimum of 50% of carbon offsets will be local, if feasible, and may include options for local tree planting, including on-site trees, and land conservation grants, as carbon offset options.*

Measure:

1. Narrative explaining local offset program;
2. Agreements demonstrating local carbon offsets;
3. Backup literature about carbon offsets used; and
4. Letter from CoA Climate Protection Program approving methodology.

Findings:

1. COTA's narrative identifies and describes considerations regarding the local carbon offset purchase they made in 2012. In a May 2012 memorandum to COTA, the City specified that 50% of the carbon offset funds are to be used for projects within the five county area (Hays, Bastrop, Caldwell, Travis and Williamson) documented, measured and reported annually to the City's Sustainability Office with no third party verification required. COTA elected to work with TreeFolks, a local non-profit organization, to purchase \$7,500 of carbon offsets. Several TreeFolks projects were under consideration as of November 2, 2012.

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

2. On January 31, 2013 COTA provided a portion of the content of their December 27, 2012 agreement with Tree Folks, Inc. to provide local carbon offsets at a cost of \$7,500.
3. On May 29, 2013 the City inspected COTA's carbon offset purchase agreement with TreeFolks, dated December 27, 2012, to provide local carbon offsets at a cost of \$7,500 annually.
4. The City's third party independent reviewer inspected TreeFolks' invoice and COTA's cancelled check to verify that COTA purchased local carbon offsets from TreeFolks for \$7,500 in January 2013.

Status: Compliant

**C. Air Quality, Ozone Season**

CELOC Obligation (§1.A.3): *Investigate holding the F1 race outside of the Central Texas ozone season (April 1 - October 31).*

Measure: evidence of race date

Finding: According to COTA's June 5, 2012 press release, the Formula 1 United States Grand Prix was scheduled for November 16<sup>th</sup> - 18<sup>th</sup>, 2012.

Status: Compliant

**D. Air Quality, F1 GP in Ozone Season**

CELOC Obligation (§1.A.4): *If the F1 event is held between April 1 and October 31, develop and submit a plan prior to the first US Grand Prix event, to reduce emissions of particulate Matter NOx (nitrogen oxides) and CO2 (carbon dioxide) from the event. The plan should include an estimate of emissions associated with the first event, to the extent practical.*

Measure: not applicable

Findings: According to COTA's June 5, 2012 press release, the Formula 1 United States Grand Prix is scheduled for November 16<sup>th</sup> - 18<sup>th</sup>, 2012.

Status: Not applicable

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

**E. Air Quality, Transportation Partner**

COTA Obligation (§2.B.8): *Commit to seeking a transportation partner that provides low emission mass transit vehicles for the shuttle operation, and give contracting preference to the lowest available emissions rapid transit vehicles available that reasonably satisfy the needs of the event, such as those powered by hybrid electric propulsion equipment, natural gas or propane, or low emission diesel engines that meet tier 3 or 4 standards, so long as such provider is at a reasonable incremental cost compared to other providers that do not meet these standards.*

CELOC Obligation (§1.B.8): *Commit to seeking a transportation partner for the Formula 1 Event that provides low emission mass transit vehicles for the shuttle operation, and give contracting preference to the lowest available emissions rapid transit vehicles available that reasonably satisfy the needs of the Event, such as those powered by hybrid electric propulsion equipment, natural gas or propane, or low emission diesel engines that meet tier 3 or 4 standards, so long as such provider is at a reasonable incremental cost compared to other providers that do not meet these standards.*

Measure:

1. Report including Narrative of approach to low emissions/preferential contracting;
2. Listing of Transportation Partner(s);
3. Table showing fleet makeup, including fuel/propulsion type;
4. Emission requirements from Transportation RFP; and
5. Analysis of fleet emission options.

Findings:

1. On January 31, 2013 COTA provided a narrative description of its work to address certain transportation requirements in Exhibit A. In Section 3 of the narrative, COTA stated its commitment “to seeking low emission transportation partners that can provide mass transit vehicles for shuttle operations at reasonable costs”.
2. According to the narrative description provided by COTA, COTA’s efforts to use low-emission shuttle vehicles for the 2012 GP included:
  - a. Requiring potential bus contractors to provide emission and propulsion data regarding their available fleets and analyzing the results; and
  - b. Making inquiries to bus companies and transit agencies in an effort to discover any alternative-fuel vehicles that would be available at reasonable costs. No available busses were identified.
3. According to documentation provided by COTA’s Edgar Farrera, including a listing of COTA’s transportation partners and a table showing the fleet makeup of each,

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

Transportation Management Services (TMS) is providing Park-and-Ride shuttles to COTA during the Grand Prix.

4. On October 23, 2012 COTA provided an analysis of its fleet emission options.

Status: Compliant

**F. Air Quality Analysis and Inventory**

*COTA Obligation (§2.A.1): Work with CAPCOG and other relevant governmental entities to establish, by May 1, 2012, an Air Quality analysis and inventory, modeling, and a mitigation strategy to resolve air quality issues related to major events held between April 1<sup>st</sup> and October 31<sup>st</sup>. Commit to securing data that allows assessment of emissions specific to the COTA site, subject to an annual cost cap of \$50,000.*

Measure:

1. After Year 1, list of major events held between April 1<sup>st</sup> and October 31<sup>st</sup>;
2. Copy of agreements and/or scopes w/ CAPCOG and other governmental entities;
3. Contact information for SPOCs at consultant and CAPCOG and other governmental entities;
4. Air Quality inventory / modeling; and
5. Air Quality Mitigation Strategy / modeling.

Findings:

1. As stated in COTA Sustainability Director Edgar Farrera's April 30, 2012 letter to Austin City Manager Marc Ott, there were to be no major events at the COTA site between April 2012 and October 31, 2012.
2. According to the letter, COTA had met with the Capital Area Council of Governments (CAPCOG) and with the City of Austin Climate Protection Program (CPP) to collaborate on a strategy, described in the letter, for compliance beginning in 2013.
3. Also according to COTA's letter, there were no major events scheduled for 2013, although COTA anticipated hosting such events in 2013.
4. On January 31, 2013 COTA provided an Air Quality Analysis and Inventory Update. According to the update:
  - a. There were no major events between April 1, 2012 and October 31, 2012;
  - b. In 2012 COTA met with CAPCOG and CPP;

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

- c. COTA intends to continue collaborating with CAPCOG and the CPP; and
  - d. An air quality analysis for major events occurring during the 2013 ozone season will be submitted by May 1, 2013.
5. On January 31, 2013 COTA provided:
- a. A copy of URS Corporation's Air Quality Assessment and Mitigation Plan, Technical Approach which describes URS' methods for collecting emissions data, monitoring air quality, developing an emissions inventory and analyzing the air quality during the 2012 USGP weekend.
  - b. A copy of Schedule 1 to COTA's agreement with CAPCOG. According to the document, CAPCOG is charged with reviewing and commenting on COTA's consultant's data collection methodology and schedule for emissions activity data.
  - c. A January 30, 2013 letter from CAPCOG to COTA, which states that with certain supplementary data, "URS' approach to emissions and ambient air quality data collection is satisfactory to form the basis for conducting an assessment of the air quality impacts of major events held at the USGP".
6. On April 10, 2013 COTA provided a report dated April 9, 2013 regarding its Incorporation of CAPCOG recommendations into the Air Quality and Mitigation Plan". According to the report, URS is incorporating all of CAPCOG's recommendations into the analysis.

Status: Compliant

**G. Clean Energy, Green Choice**

*COTA Obligation (§2.A.2): Utilize a combination of subscription to Austin Energy's GreenChoice program (or its successor) and on-site renewable energy generation to reach at least 50% of all non-event energy demands. At least 5% of the demands can be met by on-site renewable energy generation.*

Measure:

- 1. Copy of Austin Energy GreenChoice purchase agreement;
- 2. Non-event energy demand estimate, including actual energy usage once site is operational; and
- 3. Address on-site renewable power generation (documentation of yes or no).

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

Findings:

1. On January 31, 2013 COTA provided a report of its work regarding use of Austin Energy GreenChoice and on-site renewable energy. According to the report:
  - a. COTA subscribes to Austin Energy's GreenChoice program for the equivalent of 50% of its estimated non-major event demand, and will make a redacted copy of the agreement available for inspection by the City and its independent reviewer.
  - b. COTA is participating in Austin Energy's Load Profiler program, which allows energy consumption data to be tracked at various meters at COTA and stored electronically.
  - c. In 2012 COTA applied for and received a performance-based incentive for the installation of a photovoltaic system. The project is being developed in 2013 through an agreement between COTA and Meridian Solar.
2. On May 29, 2013 the City inspected engineering estimates establishing COTA's estimated non-event energy demand.
3. On May 29, 2013 the City inspected COTA's agreement with Austin Energy for GreenChoice and confirmed that COTA subscribes to Austin Energy's GreenChoice program for 50% of COTA's estimated non-event energy demands.

Status: Compliant

**H. Construction Emissions**

COTA Obligation (§2.A.13):

1. *Strive to reduce emissions of Particulate Matter NOx (nitrogen oxides) and CO2 (carbon dioxide) from construction, transit and maintenance vehicles for all construction activities and major events to occur after the first US Grand Prix Event.*
2. *Give preference to contractors using lowest emission transit, construction, maintenance and generation equipment in future or renewed contracts, so long as such provider is at a reasonable incremental cost compared to other providers that do not meet these standards. Give preference to contractors using the lowest emissions diesel engines available, so long as such provider is at a reasonable incremental cost compared to other providers that do not meet these standards. Specify use of Tier 3 or Tier 4 emission equipment and ultra low sulfur fuels, where feasible.*
3. *Use as many of the suggested measures as feasible from the COA Construction Equipment Emission Reduction Toolkit:  
<http://www.dieselnet.com/standardsfus/nonroad.php#tier4>. Do an inventory and report to the City of Austin annually.*

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

4. *Use reasonable-efforts to use cleanest equipment available, such as electric, four cycle or propane-fueled lawnmowers, line trimmers and electric hand-held equipment for landscape maintenance. (Note: New EPA standards include hydrocarbon and nitrogen oxides exhaust emission standards of 10 g/kW-hr for Class I engines starting in the 2012 model year and 8 g/kW-hr for Class II engines starting in the 2011 model year.)*

Measure:

1. not applicable prior to first US Grand Prix; applies to major events to be held after the first US Grand Prix event
2. Construction emission preference policy & RFP/RFQ language; Transit emission preference policy and Request for Proposals (RFP) / Request for Qualifications (RFQ) language; Maintenance emission preference policy & RFP/RFQ language all due 30 days prior to release of RFP/RFQ. Analysis of infeasibility if requirements are not met.
3. Document implementation of City of Austin Construction Equipment Emission Reduction Toolkit; Annual construction emission inventory both due by end of calendar year in which construction occurs.
4. Maintenance equipment emission requirements; Maintenance equipment inventory both due by end of calendar year in which construction occurs

Findings:

1. This requirement is not applicable prior to the first US Grand Prix.
2. On January 31, 2013 COTA provided their Sustainable Design and Construction Standards for Major Construction Activities, Site and Parking Improvements, New Facilities and Major Renovations effective November 19, 2012 for new construction contracts. The document includes recommended implementations to assist key staff in implementing and executing project requirement and goals.
3. On January 31, 2013 COTA provided a statement regarding Future On-Site Development. According to the statement, no major events or new construction activities have occurred at the site between the USGP and December 31, 2012.
4. On January 31, 2013 COTA provided a statement regarding its commitment to comply with its obligations under Section 2.A.13 of Exhibit A. According to the statement the requirements have been incorporated into COTA's future building requirements; and

Status: Not applicable

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

**I. Idling**

COTA Obligation (§2.B.9): *Post a policy and undertake reasonable enforcement to limit unnecessary idling of vehicles being used to supply heat or air conditioning necessary for passenger comfort and safety, in vehicles intended for commercial or public passenger transportation, or passenger transit operations, to a maximum of 30 minutes.*

Measure:

1. Copy of Idling Policy;
2. List of transport entities policy will be distributed to;
3. Signage/graphics for notification; and
4. Evidence of tracking and enforcement measures

Findings:

1. COTA Sustainability Director Edgar Farrera provided a list of the bus companies and bus fleets that will be utilized for the Park-and-Ride shuttles, and a copy of the language regarding COTA's Idling Policy that was provided to each company.
2. On January 31, 2013 COTA provided a photograph example of a sign saying "No Vehicle Idling for Longer than 5 Minutes".
3. COTA provided their April 9, 2013 report entitled Implementation of No Idling Policy. According to the report:
  - a. COTA's No Idling Policy was communicated to bus providers and drivers,
  - b. 3' by 3' "No Idling" signs were located at all COTA parking lots during the F1 USGP,
  - c. All parking lot attendants and managers were instructed to enforce the no idling policy on-site and to inform motorists about the policy,
  - d. An offsite tent was made available for bus drivers during the event (when demand for bus drivers was low) so that bus drivers would not sit in their idling busses,
  - e. In the future the No Idling Policy will be distributed more widely to taxicab and local limousine companies prior to upcoming events.

Status: Compliant

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

**J. Electric Vehicle Charging**

COTA Obligation (§2.B.12): *Explore partnerships with Austin Energy to provide on-site charging stations (110/240 volt) for electric, hybrid/electric vehicles, electric scooters, pony packs, and electric landscaping equipment, to facilitate charging.*

Measure:

1. Correspondence w/ Austin Energy; and
2. Site plan showing conduit locations for planned EV charging, if applicable

Findings:

1. On January 31, 2013 COTA provided their Sustainable Design and Construction Standards for Major Construction Activities, Site and Parking Improvements, New Facilities and Major Renovations effective November 19, 2012 for new construction contracts. The document includes a design preference to provide level II charging station(s) at convenient and visible locations for electric vehicle charging.
2. On January 31, 2013 COTA provided a report of its Exploration of Partnerships with Austin Energy to provide on-site charging stations for electric vehicles and similar vehicles. According to the report, Austin Energy offered incentives for the installation of Coulomb/Chargepoint America charging stations that would have to be installed and available for public use by July 31, 2012, at which time COTA was still under construction.
3. On May 29, 2013 City of Austin staff inspected documentation regarding COTA's partnership exploration with Austin Energy.

Status: Compliant

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

### **III. Sustainable Sites and Biodiversity**

#### **A. Land Preservation**

COTA Obligation (§2.A.3): *Land preservation and restoration of all disturbed areas, including implementing a combination of xeriscaping, integrated pest management, and water quality controls.*

Measure:

1. Site plan indicating disturbed areas, preservation and restoration strategies and water quality controls;
2. Backup for restoration strategies;
3. Xeriscape plant list; and
4. integrated pest management plan and implementation strategy.
5. For each item also include documentation from architect or landscape architect of finished work.

Findings:

1. On January 31, 2013 COTA provided their Sustainable Design and Construction Standards for Major Construction Activities, Site and Parking Improvements, New Facilities and Major Renovations effective November 19, 2012 for new construction contracts. The document includes design preferences regarding storm water management.
2. On December 11, 2012 COTA provided their Site Revegetation and Restoration Plan showing disturbed and revegetated areas, preserved areas, restored areas, undisturbed areas and undeveloped areas. According to a September 9, 2012 letter, revised January 24, 2013, from TBG Partners, COTA's landscape architect, the entirety of the site revegetation and landscape have focused on native/adapted and low water use plantings.
3. On December 11, 2012 COTA provided showing revegetation underway on September 18, 2012.
4. On December 11, 2012 COTA provided their Sustainable Project Plant List showing the varieties and quantities of plants planted at the COTA site.
5. On December 11, 2012 COTA provided their Integrated Pest Management Plan. According to a letter from TBG Partners, COTA and its maintenance personnel will follow the document for pest management at the site.

Status: Compliant

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

**B. New Plantings**

COTA Obligation (§2.A.4): *The majority of new plantings will use naturally drought-tolerant native and adaptive landscaping to promote water conservation.*

Measure: Statement from landscape architect

Findings:

1. On December 11, 2012 COTA provided their Sustainable Project Plant List showing the varieties and quantities of plants planted at the Circuit of the Americas site. According to the document, over 1,039 trees have been planted at the site.
2. On December 11, 2012 COTA provided construction drawings showing planting plans for their Media Building and their Grand Plaza.
3. On January 7, 2013 COTA provided construction drawings showing planting plans for the COTA site.
4. On January 31, 2013 COTA provided a letter from TBG Partners. According to the letter, over 90% of the plant material used is from the City of Austin Native and Adapted Landscape Plants Grow Green List and the City of Austin Preferred Plant List - Appendix N.

Status: Compliant

**C. Community Garden**

COTA Obligation (§2.A.5): *Make a minimum of 5 acres in the floodplain available for a community garden or farm. Make reasonable efforts to locate the site as close to an available water source as possible.*

Measure: Site plan indicating community garden location and acreage, and water source; Description of community garden if applicable

Findings:

1. On October 30, 2012 COTA provided site plan detail sheets showing the location of the 5 acre Community Garden in the 100 year floodplain as well as brushed granite trails leading to it from McAngus Road.
2. Also on October 30, 2012 COTA provided Sheet 20 of the Private Waterline Plan showing the water supply line to the Community Garden.

Status: Compliant

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

**D. Environmental Board Recommendations**

COTA Obligation (§2.A.6): *Follow Environmental Board recommendations to:*

1. *Comply with new commercial landscape standards;*
2. *Comply with parking lot shading areas;*
3. *Investigate the restoration of riparian of Dry Creek;*
4. *Demonstrate a black land prairie land restoration;*
5. *Perform restoration of Dry Creek Riparian Corridor and Blackland Prairie Corridor, by working with partners such as Texas A&M; and*
6. *Establish a monitoring program of any pervious pavement used on site.*

Measure:

1. Landscaping Plans and report indicating compliance w/ landscaping standards; Statement from landscape architect
2. Parking Lot Shading Plans w/ calculations; Statement from landscape architect
3. Riparian Creek restoration plan; Statement from landscape architect
4. Blackland Prairie Restoration plans; Statement from landscape architect
5. Demonstrate Riparian Creek restoration (photos); Demonstrate Black Land Prairie restoration (photos); Statement from landscape architect
6. Pervious pavement monitoring plan & locations

Findings:

1. On December 11, 2012 COTA provided drainage diagrams for the grandstand plaza and parking lot showing that the parking lots drain to the landscaped areas.
2. On December 11, 2012 COTA provided its parking lot shading plan as well as construction drawings showing planting plans for their Media Building and their Grand Plaza.
3. On January 31, 2013 COTA provided photographs of trees planted in the Grandstand and Grand Plaza parking lots.
4. On December 11, 2012 COTA provided its Riparian and Blackland Prairie Restoration Plan.
5. On December 11, 2012 COTA provided construction documents for their Riparian Area and Blackland Prairie restoration.

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

6. On December 11, 2012 COTA provided photographs taken February 22, 2011 of its Riparian Area.
7. On December 11, 2012 COTA provided photographs taken February 22, 2011 of its Blackland Prairie Restoration.
8. According to Environmental Board motion EB1103104a, dated November 3, 2010, Board Condition #5 requires the applicant to work with City of Austin staff to establish a monitoring program of the pervious pavement they will be using.
9. In a May 17, 2012 email to Terry Franz, Scott Hiers of the City's Watershed Protection Department said that COTA's site plan includes a scope of work for a monitoring program and monitoring locations, and access ports to the drainage system for the pervious pavement, asphalt and natural parking areas have been provided so that monitoring can occur if funding is available.
10. On October 30, 2012 COTA provided its Monitoring Point Plan for Grass Event Parking, including a Proposed Storm water Monitoring Procedure Outline.
11. On January 7, 2013 COTA provided a Pervious Pavement Monitoring Report outlining its procedures for monitoring storm water runoff from three types of parking surfaces and a control site in order to help the City determine which type of parking surface best protects water quality associated with storm water runoff and its associated pollutants.
12. On January 31, 2013 COTA provided a letter from COTA's landscape architect TBG Partners. According to the letter, the firm met all of the landscape requirements resulting from the Environmental Board's recommendations.

Status: Compliant

**E. Sustainable Sites Initiative**

*COTA Obligation (§2.A.8): Achieve a minimum of 2 Stars in the Sustainable Sites Initiative by the end of 2013. Work with local partners such as LBJ Wildflower Center or Center for Maximum Potential Building Systems to achieve compliance.*

Measure: Year 2 (2013) report should include:

1. Evidence of achievement or attempt to achieve credits within Sustainable Sites scoring system;
2. Sustainable Sites Score-sheet with tabulation of credits achieved, credits attempted but not achieved, and credits not attempted;
3. Notations with explanation of why credits were not achieved or attempted, including explanation of why if a credit is not applicable to the project; and

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

4. Summary of total number of credits received and whether this would make the project eligible for 2 Star Rating. If project is unable to achieve enough credits to receive a rating, provide rationale.

Findings:

1. This requirement is not due until the end of 2013.
2. There is currently no program in place under the Sustainable Sites Initiative to obtain certification, and the only Sustainable Sites Initiative certifications to date were awarded under the 2009 pilot program, and the application period for the pilot program was from November 5, 2009 until February 15, 2010.
3. The application period for the pilot program closed before COTA selected its site in July 2010, and before the agreement between the City and COTA and CELOC was executed in July 2011.
4. A January 2013 overview of the Sustainable Sites Initiative includes a schedule (on page 11) showing that the pilot program has so far been the only opportunity to obtain SITES certification, and enrollment under the 2013 Rating System is expected to begin in Fall 2013.
5. According to a November 5, 2009 press release the application period for the SITES pilot program was November 5, 2009 until February 15, 2010.
6. COTA provided a SITES Certification report dated December 30, 2012. According to the report COTA was constructed after the close of the 2009 pilot program and before enrollment in the 2013 program opened.
7. According to COTA's April 8, 2013 report entitled Timeline Listing Major Milestones in the Site Selection, Design, and Construction of COTA and the Development of the Sustainable Sites Initiative:
  - a. The announcement that F1 would race in Central Texas was made May 25, 2010;
  - b. The location of COTA was announced July 27, 2010;
  - c. Pre-design and planning activities commenced in November 2010; and
  - d. Site grading activities were underway in February 2011.
8. The agreements between the City and CELOC and COTA were executed in July 2011.

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

9. On January 31, 2013 COTA provided their Sustainable Design and Construction Standards for Major Construction Activities, Site and Parking Improvements, New Facilities and Major Renovations effective November 19, 2012 for new construction contracts. The document includes the statement “if any projects are scheduled for construction during 2013, at least one should target [Sustainable Sites Initiative] certification”.
10. The City’s Sustainability Office recommends that COTA demonstrate its commitment to achieving compliance with the Sustainable Sites Initiative by demonstrating the prerequisites and points they would have earned based on their development of the site in categories 3 through 9, as described in the SITES 2009 Guidelines and Performance Benchmarks. Those sections are:
  - (3) Site Design – Water,
  - (4) Site Design – Soil and Vegetation,
  - (5) Site Design – Materials Selection,
  - (6) Site Design – Human Health and Well-Being,
  - (7) Construction,
  - (8) Operations and Maintenance and
  - (9) Monitoring and Innovation.

Status: Not applicable for 2012

**F. Tree Planting and Maintenance**

COTA Obligation (§2.A.9): *Plant at least 800 trees on-site and establish a maintenance program.*

Measure:

1. Site plan or tree inventory indicating tree counts and species and
2. Tree maintenance program.
3. For each item, an annual letter from landscape architect documenting implementation.

Findings:

1. On December 11, 2012 COTA provided their Sustainable Project Plant List showing the varieties and quantities of plants planted at the Circuit of the Americas site. According to the document, over 1,039 trees have been planted at the site.
2. On January 31, 2013 COTA provided:

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

- a. Its Tree Planting Plan showing the locations of trees planted at the site; and
  - b. Its Tree Maintenance Plan, developed by Bartlett Tree Experts.
3. On January 31, 2013 COTA provided a letter from COTA's landscape architect TBG Partners. According to the letter, TBG is planning to install over 1,000 trees throughout the project site, ranging from saplings to 12 inch caliper shade trees.

Status: Compliant

**G. Environmental Protection**

COTA Obligation (§2.A.12): *Protect existing wetlands and Critical Environmental Features.*

Measure: Copies of applicable permits and for each item, a letter documenting compliance

Findings:

1. On October 30, 2012 COTA provided a site plan detail sheet entitled Critical Environmental Features Locations and a narrative describing the work done to protect the existing wetlands and critical environmental features at the COTA site.
2. On January 31, 2013 COTA provided a letter from Civil Engineering firm Carlson, Brigance & Doering, Inc. stating that "the existing wetlands and critical environmental features within the COTA site have been protected, enhanced or mitigated and the necessary measures are in place to protect them in the future.

Status: Compliant

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

#### **IV. Resource Recovery and Conservation**

##### **A. Recycling and Composting**

COTA Obligation (§2.A.10): *Establish a Facility recycling and composting program for any major event held at the site. At minimum, include Paper, Plastic grades 1 (PETE) and 2 (HDPE), aluminum, glass, and compostables (Same as Universal Recycling Ordinance, plus organics).*

CELOC Obligation (§1.A.5): *Establish an Event recycling and composting program for any major event held at the site. At minimum, include Paper, Plastic grades 1 (PETE) and 2 (HDPE), aluminum, glass, and compostables (Same as Universal Recycling Ordinance, plus organics).*

Measure:

1. After Year 1, list of major events held during year;
2. Major event recycling and composting plan, including lists of recyclables and compostables; and
3. Evidence of recycling and composting from waste service provider and food vendor.

Findings:

1. On November 1, 2012 COTA provided a summary of their Resource Recovery activities including the requirements in their Resource Recovery and Waste Removal RFP, and descriptions of resource recovery activities during the 2012 F1 GP. According to the document, Texas Disposal Service (TDS) is to provide a post-event report showing total waste volumes and diverted amounts.
2. On January 31, 2013 COTA provided the following:
  - a. A narrative report of their Resource Recovery Results for the 2012 USGP and photographs showing their recycling and composting efforts during the race weekend;
  - b. Texas Disposal Systems (TDS) Activity Report for the USGP weekend showing that over the 2012 USGP weekend 134.0 tons of trash, 24.3 tons of recycling; and 3.9 tons of compost were collected by Texas Disposal Systems;
  - c. TDS Activity Report for November 2012 showing that during the month of November 2012, 237.0 tons of trash, 45.4 tons of recycling; and 5.4 tons of compost were collected by Texas Disposal Systems; and
  - d. A receipt from the Capital Area Food Bank for 9,463 pounds of food received November 21, 2012.

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

3. On February 19, 2013 COTA provided a February 18, 2013 press release which states that COTA diverted 19.8% of the waste generated over the 2012 USGP weekend, including:
  - a. 24.3 tons recycled,
  - b. 4.0 tons composted, and
  - c. 4.7 tons of surplus food donated.

Status: Compliant

**B. Food and Beverage Containers**

*COTA Obligation (§2.A.11): Require Facility year-round food and beverage vendors to use recycled and/or compostable materials to the extent available.*

*CELOC Obligation (§1.A.6): Require Event food and drink vendors to use recycled and/or compostable materials to the extent available.*

Measure:

1. Food/drink vendor;
2. List of recyclable and compostable materials used; and
3. Event-specific plans

Findings:

1. On November 1, 2012 COTA provided a summary of their Resource Recovery activities for the 2012 F1 GP including the actions that will be undertaken and recyclable and compostable materials to be utilized by their permanent, year-round food and beverage vendor.
2. On January 31, 2013 COTA provided the following:
  - a. A narrative report of their Resource Recovery Results for the 2012 USGP and photographs showing their recycling and composting efforts during the race weekend;
  - b. Texas Disposal Systems (TDS) Activity Report for the USGP weekend showing that over the 2012 USGP weekend 134.0 tons of trash, 24.3 tons of recycling; and 3.9 tons of compost were collected by Texas Disposal Systems;
  - c. TDS Activity Report for November 2012 showing that during the month of November 2012, 237.0 tons of trash, 45.4 tons of recycling; and 5.4 tons of compost were collected by Texas Disposal Systems.; and

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

- d. A receipt from the Capital Area Food Bank for 9,463 pounds of food received November 21, 2012.
- 3. On February 19, 2013 COTA provided a February 18, 2013 press release which states that COTA diverted 19.8% of the waste generated over the 2012 USGP weekend, including:
  - a. 24.3 tons recycled,
  - b. 4.0 tons composted, and
  - c. 4.7 tons of surplus food donated.

Status: Compliant

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

**V. Education and Outreach**

**A. Sustainability Best Practices**

COTA Obligation (§2.D.1): *Establish an ongoing partnership with the City's Sustainability Office to implement best practices on site-specific sustainability efforts and collaborate on educational tours and demonstrations at the site.*

Measure: Info on educational tours, on site demonstrations and other partnership initiatives

Findings:

1. On January 31, 2013 COTA provided a January 22, 2012 press release announcing that it would host college students competing in EcoCAR2 program during the EcoCAR2 2013 Winter Workshop.
2. On January 31, 2013 COTA provided an April 8, 2012 article describing the observations of two University of Texas School of Architecture students during their April 6 tour of COTA.
3. On January 31, 2013 COTA provided an excerpt from an article by UT Engineering School alumnus Mark Waggoner following his attendance, along with other members of the design team, at COTA's First Lap Ceremony held October 21, 2012. The article describes some of the design challenges and how they were met.
4. On January 31, 2013 COTA provided an October 16, 2012 City of Austin press release announcing the City's partnerships with COTA and three other organizations to develop the Positive Impact on Climate and Community (PICC) program.
5. On January 31, 2013 COTA provided a report dated November 2012 regarding its Green Volunteer Program. The report describes the work performed by 35 volunteers who worked as bike valets or in the recycling and composting or greenhouse gasses data collection programs.

Status: Compliant

**B. Alternative and Energy Efficient Auto Races**

COTA Obligation (§2.F.1): *Commit to hosting alternative energy, energy-efficient car races such as: F-zero Race, Go Green Auto Rally, SAE Solar Races.*

Measure: List of events held during the year and evidence of events or evidence of commitment to host such events in the future

Findings:

1. On January 31, 2013 COTA provided:

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

- a. A narrative describing the Formula Sun Grand Prix and its relationship to the American Solar Car Challenge. According to the report, the 2013 Formula Sun Grand Prix will be held at COTA June 24-29, 2013.
  - b. A brochure announcing the Formula Sun Grand Prix to be held at COTA June 24-29, 2013.
  - c. A brochure describing the American Solar Challenge.
  - d. An example Solar Raycer built by University of Texas at Austin students.
  - e. A report dated June 1, 2012 announcing that COTA will host an American Le Mans Series race in 2013.
2. On February 7, 2013 COTA provided a press release announcing that it will host the Formula Sun Grand Prix June 24-29, 2013.

Status: Compliant

**C. Bicycle and Foot Races**

COTA Obligation (§2.F.2): *Commit to hosting bicycle and foot races at the track.*

Measure: List of events held during the year and evidence of events, or evidence of commitment to host such events in the future

Findings:

1. As evidenced by an article published July 28, 2012 RunTex hosted a 3.4 mile footrace at the COTA track on November 3, 2012.
2. On January 31, 2013 COTA provided:
  - a. A statement of its commitment to hosting bicycle and foot races at the track;
  - b. A screen capture regarding the Formula Run event; and
  - c. A press release issued after the November 3 Formula Run.

Status: Compliant

**D. Green Education Public Awareness**

COTA Obligation (§2.F.4): *Agree to host public awareness event to advance community knowledge of the available options for green energy or transportation.*

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

Measure: List of events held during the year with supporting evidence or evidence of commitment to hold such events in the future

Finding:

On January 31, 2013 COTA provided a January 22, 2012 press release announcing that it would host college students competing in EcoCAR2 program during the EcoCAR2 2013 Winter Workshop.

Status: Compliant

**E. Partnerships with Area Schools**

*COTA Obligation (§2.G.3): Continue educational partnerships with area schools and universities on sustainability and technology issues.*

Measure: List of partnerships with narrative information

Findings:

1. On January 31, 2013 COTA provided a Synopsis of its Educational Partnerships with Area Schools Related to Technology and Sustainability. The report describes COTA's involvement with St. Edwards University, Texas A&M University, and Texas State University; its work regarding F1 in Schools and EcoCAR; and its K-12 involvement with the Austin, Pflugerville, and Del Valle Independent School Districts.
2. COTA's involvement with St. Edwards University is evidenced by copies of:
  - a. St. Edwards University's February 20, 2012 letter of engagement with COTA regarding the Capstone Course;
  - b. St. Edwards University's April 23, 2012 report on Sustainability Integration;
  - c. St. Edwards University's April 23, 2012 presentation on Sustainability Integration; and
  - d. Photographs from St. Edwards University's April 23, 2012 presentation on Sustainability Integration.
3. COTA's involvement with Texas A&M University is evidenced by:
  - a. COTA's September 27, 2012 article announcing that five Texas A&M students had inspected COTA's facility on September 21, 2012 for the purpose of analyzing the project's value in terms of economic, social/cultural, environmental and sensory experience; and
  - b. An article posted December 11, 2012 regarding the Texas A&M students' report.

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

4. COTA's involvement with Texas State University is evidenced by a letter from Texas State's McCoy College of Business Administration regarding the participation of the school's Net Impact Student Organization in spring 2013 COTA events.
5. COTA's F1 in Schools involvement is evidenced by:
  - a. A 2012 COTA announcement of COTA's sponsorship of Team Shift, the all-female team that represented the United States in the October 2012 F1 in Schools World Championship;
  - b. Copies of the invitation and RSVP list for a F1 in Schools information session held January 14, 2013 at COTA; and
  - c. COTA's January 15, 2013 announcement that the 2013 F1 in Schools World Finals event will be held in Austin in November 2013.
6. COTA's involvement with EcoCAR2 is evidenced by:
  - a. COTA's participation on the Sustainability in Engineering Panel at the EcoCAR Winter Workshop held January 24, 2013 in Austin;
  - b. A January 27, 2013 report of the panel; and
  - c. Photographs of EcoCAR2 and students at COTA.
7. On February 7, 2013 COTA provided evidence of its work with the University of Texas at Austin in the form of a February 6, 2013 announcement from the UT Cockrell School of Engineering's website that UT's Solar Vehicle Team will serve as the local university host for the Formula Sun Grand Prix in June 2013.

Status: Compliant

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

## **VI. Future Development**

### **A. Green Building**

#### COTA Obligation (§2.C.1):

1. *Any future buildings (i.e. buildings not currently under construction or in review) of over 2,000 Square Feet will achieve a minimum 2 Star rating in Austin Energy's Green Building program OR achieve Silver LEED certification.*
2. *Work with Office of Sustainability and Austin Energy Green Building with the goal of achieving higher levels of green building certification, including leveraging all available incentives.*

#### Measure:

1. If applicable, list of all building permits issued with date of application;
2. Documentation for applicable buildings;
3. List of any future buildings planned;
4. COTA building standards for future development and
5. Documentation / evidence showing efforts.

#### Findings:

1. On January 31, 2013 COTA provided their design preferences in a document entitled Sustainable Design and Construction Standards for Major Construction Activities, Site and Parking Improvements, New Facilities and Major Renovations effective November 19, 2012 for new construction contracts.
2. On January 31, 2013 COTA provided a statement regarding Future On-Site Development. According to the statement, as of December 31, 2012, no new building projects had begun at the site that would trigger this requirement.

Status: Not applicable for 2012

### **B. Passive Solar**

COTA Obligation (§2.C.2): *Building design and window placement to maximize natural light and passive solar design.*

Measure: Letter from architect

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

Findings:

1. On January 31, 2013 COTA provided their design preferences in a document entitled Sustainable Design and Construction Standards for Major Construction Activities, Site and Parking Improvements, New Facilities and Major Renovations effective November 19, 2012 for new construction contracts.
2. On January 31, 2013 COTA provided a statement regarding Future On-Site Development. According to the statement, as of December 31, 2012, no new building projects had begun at the site that would trigger this requirement.

Status: Not applicable for 2012

**C. Water Conservation**

COTA Obligation (§2.C.3): *All new toilets and urinals meet or exceed low flow requirements, as defined by the Austin Uniform Plumbing Code, to achieve water reduction.*

Measure: Letter from mechanical engineer or architect

Finding:

On January 31, 2013 COTA provided a statement regarding Future On-Site Development. According to the statement, as of December 31, 2012, no new building projects had begun at the site that would trigger this requirement.

Status: Not applicable for 2012

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

**VII.    Transportation**

**A.    Parking Coordination**

COTA Obligation (§2.B.2): *Coordinate parking and transportation efforts for major events with City of Austin Special Events Offices located in the Austin Transportation Department and Aviation, TXDOT, and Travis County.*

CELOC Obligation (§1.B.1): *Coordinate Event-specific parking and transportation efforts for major events with City of Austin Transportation Department Special Events Office, City of Austin Aviation Department Special Events Office, TXDOT Special Events Office, and Travis County Special Events Office.*

Measure:

1. After Year 1, list of major events held during year
2. Evidence (correspondence or documentation) of coordination w/ Special Events Offices in City of Austin Transportation and Aviation Departments, TxDOT & Travis County

Findings:

1. The Formula 1 Grand Prix was the only major event in 2012.
2. COTA and CELOC representatives participated with TxDOT, Travis County and City of Austin Transportation Department, Aviation Department and Special Events Office officials in Joint Planning Team Meetings held June 6, May 4, March 23 and February 8, 2012.

Status: Compliant

**B.    Transportation Management Plan**

COTA Obligation (§2.B.1):

1. *Develop a Transportation Management Plan for all major events and submit plan to City of Austin Transportation Department Director for review and comment.*
2. *Plan should be updated annually.*

CELOC Obligation (§1.B.2 and 1.B.8):

1. *Develop an Event-specific Transportation Management Plan for major events. Submit plan by July 31, 2011 to City of Austin Transportation Department Director for review and comment. Plan should include analysis of transportation management partner that provides low-emission mass-transit vehicles for shuttle operation.*

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

2. *Plan should be updated annually.*

Measure:

1. After Year 1, list of major events held during year
2. Transportation Management Plan for major events due before each major event
3. Annual updates to Transportation Management Plan for major events
4. USGP Transportation Management Plan (2011); USGP Transportation Management Plan (2012); Transportation Management Plans for other major events (if any)
5. Update to F1 Transportation Management Plan

Findings:

1. The Formula 1 Grand Prix was the only major event held in 2012.
2. On July 29, 2011 Steve Sexton provided a draft event-specific Transportation Management Plan to Austin Assistant City Manager Sue Edwards and Austin Transportation Department Director Rob Spillar.
3. In May 2012 COTA provided its Traffic Management Plan, Draft 1, dated May 21, 2012 to Travis County and to the City of Austin.
4. On January 31, 2013 COTA provided its Traffic Control Plan dated May 25, 2012.
5. On January 31, 2013 COTA provided a narrative description of its work to address certain transportation requirements in Exhibit A. In Section 3 of the narrative, COTA stated its commitment “to seeking low emission transportation partners that can provide mass transit vehicles for shuttle operations at reasonable costs”.

Status: Compliant

**C. Special Events**

COTA Obligation (§2.B.3): *For any special off-site events such as event-associated parades or festivals located within the City of Austin, require the event-sponsor to obtain a Special Event Permit from City of Austin.*

CELOC Obligation (§1.B.3): *Obtain a Special Event Permit from City of Austin for any special off-site events, such as event-associated parades or festivals, located within the City limits.*

Measure:

1. Off-site permits from City of Austin for each off-site event and

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

2. USGP associated permits from City of Austin.

Findings:

1. As confirmed by Frances Hargrove of the City's Transportation Department in a March 1, 2013 email to Terry Franz:
  - a. CELOC did not sponsor or conduct any off-site events within the City of Austin limits during the 2012 USGP weekend;
  - b. COTA obtained special event permits as required; and
  - c. No special events were held by sponsors other than COTA.
2. COTA obtained special event permits for Austin Fan Fest.
3. COTA obtained special event permits for its downtown shuttle operations during the 2012 USGP weekend.

Status: Compliant

**D. Satellite Parking**

*COTA Obligation (§2.B.4): Require all major events held at the COTA to provide satellite parking locations and sufficient mass transportation options.*

*CELOC Obligation (§1.B.4): Provide Event-specific satellite parking locations and sufficient mass transportation options for major events.*

Measure:

1. After Year 1, list of major events held during year and
2. Evidence of satellite parking locations and mass transportation services

Findings:

1. The Formula 1 Grand Prix was the only major event held at COTA in 2012.
2. According to information from COTA's website, provided by Edgar Farrera:
  - a. COTA would have two Park-and-Ride shuttle locations, one downtown at 15<sup>th</sup> and Trinity Streets and the other at the Travis County Expo Center at 7311 Decker Lane. Shuttles would run to and from both locations from 7:00 a.m. until 3.5 hours after the completion of the final scheduled racing event Friday November 16 through Sunday November 18; and

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

- b. Shuttles would also be provided from Richard Moya Park for individuals who bicycle to the park.

Status: Compliant

**E. On-Site Parking**

COTA Obligation (§2.B.5):

1. *Limit parking on-site to 25,000 parking spots and monitor on-site parking;*
2. *work toward increasing transit share annually for major events.*

CELOC Obligation (§1.B.5):

1. *Limit Event-specific parking on-site to 25,000 parking spots and monitor on-site parking;*
2. *work toward establishing plans for increasing transit share annually for major events.*

Measure:

1. After Year 1, list of major events held during year;
2. As-built site plan noting parking quantities and tally;
3. parking monitoring plan;
4. Inventory of transit modes used for Year 1 F1GP; and
5. Plan to increase transit share annually

Findings:

1. According to an October 8, 2012 COTA press release ticketed patrons, employees, vendors and media representatives would travel to and from the Circuit by car, charter bus, helicopter, taxi, limousine and shuttle bus.
2. On October 30, 2012 COTA provided a site plan detail sheet showing the 17 parking areas at its site as well as a summary of the characteristics and number of spaces in each of the 17 areas. Of the 17 lots, 6 are paved and 11 are pervious (grass). Altogether the site contains 22,219 parking spaces in the 17 lots.
3. COTA provided an onsite Parking Summary for the Sunday USGP. According to the report, there was capacity at COTA for 22,510 vehicles, and fewer than 14,000 cars, busses, limousines and trucks parked at COTA.

Status: Compliant

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

**F. Parking Sales Designated Organization**

COTA Obligation (§2.B.6): *Manage the majority of all parking sales and coordination through a designated single organization for major events.*

CELOC Obligation (§1.B.6): *Manage the majority of Event-specific parking sales with coordination through a designated single organization for major events.*

Measure:

1. After Year 1, list of major events held during year;
2. Evidence of relationship with designated organization that manages parking sales for major events; and
3. Synopsis of parking sales management plan.

Finding: According to information from COTA's website, provided by Edgar Farrera:

1. Ticketmaster is handling ticket sales for the F1 Grand Prix;
2. On-site parking passes are available to F1 Grand Prix ticket holders; and
3. Each ticket holder will be assigned to one of the Park-n-Ride shuttle locations.

Status: Compliant

**G. Coordination of Parking Sales and Ticket Sales**

COTA Obligation (§2.B.7):

1. *Where possible, pre-sell and manage all parking through the ticket sales process, in order to ease traffic flow tied to major events.*
2. *Sell assigned parking for major events that are aligned with trip origination locations.*
3. *Provide parking purchasers for major events with maps guiding them to their parking location.*

CELOC Obligation (§1.B.7):

1. *Where possible, pre-sell and manage all Event-specific parking through the ticket sales process, in order to ease traffic flow tied to major events.*
2. *Sell assigned parking for major events that are aligned with trip origination locations.*

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

3. *Provide parking purchasers for major events with maps guiding them to their parking location.*

Measure:

1. After Year 1, list of major events held during year;
2. Description of ticket sale process;
3. Description of parking and trip origination criteria;
4. Map showing parking alignment with trip origination locations; and
5. Copies of parking maps provided.

Findings:

1. According to information provided by Edgar Farrera on-site parking passes are available to F1 Grand Prix ticket holders.
2. According to information provided by Edgar Farrera:
  - a. on-site parking assignments are based on each ticket-holder's seating area,
  - b. each ticket-holder with an onsite parking pass is provided a tag to hang from their rearview mirror; and
  - c. Each hang-tag includes directions to their parking lot and a map of the COTA area.

Status: Compliant

#### **H. Dedicated Traffic Lanes**

COTA Obligation (§2.B.10): *Commit to working with relevant governmental entities to dedicate traffic lanes on all appropriate roads entering the site to mass transit for major events.*

Measure:

1. After Year 1, list of major events held during year; and
2. Site area plan indicating roadway management for each event.

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

Findings:

1. COTA's Lou Vasta coordinated with the relevant governmental entities. COTA's Traffic Control Plan shows roadway management details for the Grand Prix and for the downtown event.
2. On January 31, 2013 COTA provided its Traffic Control Plan dated May 25, 2012 showing the dedicated traffic lanes and traffic flow for the 2012 USGP.

Status: Compliant

**I. Cycling Access**

COTA Obligation (§2.B.11):

1. *Work with relevant governmental entities to establish a dedicated bike facility by the first major event, that would provide direct access to the site;*
2. *provide public showers for major events.*

Measure:

1. After Year 1, list of major events held during year;
2. Cycling access to be included in Transportation Management Plan;
3. Narrative, evidence of communication w/ governmental entities;
4. Site plan indicating access routes;
5. Information on bike valet service at remote lot(s); and
6. Site plan to include documentation regarding showers.

Findings:

1. COTA worked with the City of Austin Bicycle Program to develop a bicycle route from downtown Austin to Richard Moya Park, where a secure bicycle valet service would be provided and cyclists could board complimentary shuttles to COTA.
2. Portable showers were available for cyclists near the bicycle valet location from 8:00 a.m. until 1:00 p.m. November 16, 17 and 18.
3. On January 31, 2013 COTA provided a narrative description of its work to establish a cycling access to the 2012 USGP events at COTA as well as a summary including the number of cyclists per day.

Status: Compliant

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

**VIII. Green Technology**

**A. Green Racing and Transportation Center**

*COTA Obligation (§2.E.1): Coordinate with partners including UT, Texas State, Huston-Tillotson, Texas A&M, and Austin Technology Incubator to support the establishment of a Green Racing and Transportation Research, Education and Testing Center or similar low carbon transportation technology incubator at the site.*

Measure:

1. R&D Establishment Plan and supporting documentation;
2. Evidence of communication with UT, Texas State, HTU, Texas A&M and ATI regarding establishment of a Green Racing and Transportation Research, Education and Testing Center or similar low carbon transportation technology incubator or
3. Plan for multi-phased endeavor with timelines for including various partners

Findings:

1. On January 31, 2013 COTA provided the agenda of a meeting held January 29, 2013 to discuss Sustainability and Clean Mobility. Representatives of the University of Texas, Texas A&M University, St. Edwards University, the Austin Technology Incubator, the Austin Chamber of Commerce, Center for Maximum Potential Building Systems, and Pecan Street Labs were on the agenda.
2. On January 31, 2013 COTA provided a draft solicitation for proposals from research organizations seeking to use COTA's facilities for research and development into electric vehicles, alternative fuels, and green transportation technologies. According to the draft, priority will be given to research involving:
  - a. Electric vehicle and/or green transportation technologies; and
  - b. The University of Texas, Texas State University, Huston-Tillotson University, Texas A&M University and the Austin Technology Incubator.
3. On February 11, 2013 COTA provided its Green Technology Progress Update. According to the report:
  - a. The first meeting to discuss establishment of a Green Racing and Transportation Research, Education and Testing Center was held at UT on May 1, 2012 and included representatives from the Austin Technology Incubator, Austin Chamber of Commerce and City of Austin as well as COTA; and
  - b. COTA asked for and received a proposal from the Austin Technology Incubator regarding the creation of a clean mobility incubator, and while some issues remain open, COTA is committed to supporting the establishment of a green transportation center or incubator, or similar research oriented initiative.

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

Status: Compliant

**B. Track Access**

COTA Obligation (§2.E.2): *Allow reasonable access to the track facilities for electric vehicle research and testing.*

Measure:

1. EV R&D track access policy and supporting documentation; and
2. List of entities authorized track access, including dates of access.

Findings:

1. On January 31, 2013 COTA provided a draft solicitation for proposals from research organizations seeking to use COTA's facilities for research and development into electric vehicles, alternative fuels, and green transportation technologies.
2. According to the Green Technology Progress Update provided by COTA, COTA is considering two concepts to provide reasonable track access for electric vehicle research and testing. One approach is to solicit proposals directly, and the other is to partner with a research institution and allocate track time to them, either for their projects, or in return for their management of the track use solicitations.

Status: Compliant

**C. Green Technology Fundraising**

COTA Obligation (§2.E.3):

1. *COTA shall make good faith efforts in partnership with other interested parties to raise, within 18 months from the date on which the contract is signed between the City and COTA, \$5 million to fund on-site green technology and research & development projects, in one or more of the following categories: solar power, automotive fuel efficiency, electric vehicles, biofuels, geothermal, or wind power.*
2. *COTA shall cooperate with the City to seek US Department of Energy funds to support any resulting green technology R&D projects.*

Measure:

1. Progress report and supporting documentation;
2. Evidence of coordination with other interested parties; and

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

3. Evidence of cooperation with City.

Findings:

1. According to the Green Technology Progress Update provided by COTA, COTA's approach has been to identify and construct a compelling rationale to attract partners, donors, and potentially investors. COTA has met with several organizations in order to find interested parties to become involved in on-site green technology and research and development projects. Those organizations include the City of Austin, the Austin Chamber of Commerce, Williams Technology in Qatar, the UK Trade and Investment Office, Austin Technology Incubator and Pecan Street, Inc.
2. In an email dated September 27, 2012, the City's Eve Richter stated that despite inquiring with Austin Energy and members of the City Council, she was unable to identify any City department seeking U.S. Department of Energy funds.
3. On May 21, 2013 COTA issued a press release announcing that it had entered into an agreement with the Pike Powers Laboratory and Center for Commercialization to conduct research, development and commercialization activities for environmentally focused projects. The agreement provides for the Pike Powers Lab to use COTA's property and permanent structures to conduct testing, research and development on innovations including automotive fuel efficiency, electric vehicles, natural gas fuel cells, advanced batteries, energy management and device management systems, solar power and urban wind systems. As part of the project, Pike Powers Lab officials will install an energy measurement system at COTA, which will be financed by COTA and monitored by lab researchers.

Status: Compliant

**D. Electric Vehicle Advocacy**

COTA Obligation (§2.F.3): *Publicly advocate for electric vehicle research and testing, including the pursuit of business partnerships.*

Measure: Evidence of electric vehicle research and development advocacy

Findings:

1. On January 31, 2013 COTA provided a report entitled Electric Vehicle Advocacy. According to the report:
  - a. COTA hosted EcoCAR2 participants during their Winter Workshop 2013;
  - b. COTA had agreed to participate in the Austin 2012 Plug In Day activities, but the session COTA was to participate in was cancelled by the organizers; and
  - c. COTA has offered to host an event during the 2013 Plug In Day.

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

2. On January 31, 2013 COTA provided evidence that it had reached out to Plug In America to discuss the possibility of hosting a Plug in Day in 2013.

Status: Compliant

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

## **IX. Transparency and Accountability**

### **A. Sustainability Single Point of Contact**

COTA Obligation (§2.D.2): *Designate a single point-of-contact for the facility's sustainability efforts.*

Measure: Evidence of designation of single point of contact

Finding: According to the January 3, 2012 PRWeb press release, Circuit of the Americas hired Edgar Farrera as its Director of Sustainability.

Status: Compliant

### **B. Recruiting Local Hires**

COTA Obligation (§2.G.2): *Commit to recruiting local hires through job fairs and local media outreach.*

Measure: List of recruiting fairs and media efforts with supporting evidence

Findings:

1. COTA participated as an employer at the Job and Resource Expo hosted by the City of Austin at the Palmer Events Center on January 25, 2012.
2. In January 2012 COTA selected Legends Sales and Marketing to oversee seat licenses and ticket sales for the Grand Prix. Legends Sales and Marketing held a job fair on February 24-25 at the Stephen F. Austin Intercontinental Hotel at 701 Congress Avenue.
3. COTA's corporate partner Stadium People hosted a job fair Wednesday September 12, 2012 from 6:00 to 9:00 p.m. at the Courtyard Austin Airport Hotel at 7809 East Ben White Boulevard.
4. COTA's catering partner Sodexo Corporate Services hosted career fairs Friday September 14, 2012 from 5:00 to 9:00 p.m. and Saturday September 15, 2012 from 9:00 a.m. to 5:00 p.m. at the Dell Diamond sports facility in Round Rock.
5. In a February 1, 2013 letter from COTA's Roxie Held to the City's Rodney Gonzales COTA reported that:
  - a. between January 2012 and September 2012 it utilized the TeamWork Online website service to post open positions,
  - b. in August 2012 COTA transitioned to the iApplicants software and applicant tracking system to post and broadcast open positions to indeed.com,

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

google/base, simplyhired.com and oodle.com job boards to the local Austin markets;

- c. COTA's recruitment story was aired on local NBC, ABC, CBS and Fox affiliates; and
- d. COTA sent recruitment communications to Direct Employers (allowing COTA's positions to be listed with State of Texas agencies and with Vet Central), Capital Area Workforce Solutions Centers and Craigslist Austin.

Status: Compliant

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

**X. MBE / WBE**

COTA Obligation (§12 of Agreement between City of Austin and COTA):

- A. For every year of this Agreement, with respect to the construction of all improvements from the effective date of the Agreement forward, COTA will conform to the standards and principles of the City's M/WBE Ordinance. COTA will meet the ethnic specific annual contract construction goals as follows: African American-owned Business Enterprises: 1.7%; Hispanic-owned Business Enterprises: 9.7%; Asian American and Native American-owned Business Enterprises: 2.3%; Women-owned Business Enterprises: 13.8%*
- B. If COTA cannot meet the goals, COTA will demonstrate good faith efforts to meet the goals with specific and detailed information sufficient to show COTA's good faith efforts to meet the goals as required by SMBR.*
- C. The City will provide a list of certified firms to COTA from which COTA will solicit participation for the construction of all improvements at COTA's facility. COTA will use best efforts to work with SMBR to identify potential scopes of work for certified subcontractors, establish the bid packages, schedule and host outreach meetings, and assist COTA in soliciting certified firms.*
- D. COTA will report the percentage of ethnic specific participation on an annual basis using forms provided by SMBR. COTA will report aggregate M/WBE participation for all certified firms, and will report the percentage of participation by each certified firm. Percentages will be calculated based on a percentage of total construction work completed on the improvements at the site. COTA will report participation on the basis of both dollars awarded to certified firms and dollars paid to certified firms.*

Measure: Written determination from SMBR stating that COTA met the annual ethnic-specific goals, or demonstrated good faith efforts to meet the goals; used best efforts in working with SMBR and provided reports to SMBR as required.

Findings: According to the memo issued by the Small & Minority Business Resources Department on July 8, 2013, COTA complied with their MBE/WBE obligations during 2011 and 2012.

Status: Compliant

**Compliance Report      2012: Year 1 of 10**  
**Circuit of the Americas (COTA) and**  
**Circuit Events Local Organizing Committee (CELOC)**  
**July 2013**

**XI. Summary and Conclusion**

**A. Compliance Status Summary:**

<u>COTA / CELOC Obligation</u>	<u>Compliance Status</u>
<b>Energy and Atmosphere</b>	
Carbon Offsets	Compliant
Local Carbon Offsets	Compliant
Air Quality, Ozone Season	Compliant
Air Quality, F1 GP in Ozone Season	Not applicable
Air Quality, Transportation Partner	Compliant
Air Quality Analysis and Inventory	Compliant
Clean Energy, Green Choice	Compliant
Construction Emissions	Not applicable
Idling	Compliant
Electric Vehicle Charging	Compliant
<b>Sustainable Sites and Biodiversity</b>	
Land Preservation	Compliant
New Plantings	Compliant
Community Garden	Compliant
Environmental Board Recommendations	Compliant
Sustainable Sites Initiative	Not applicable for 2012
Tree Planting and Maintenance	Compliant
Environmental Protection	Compliant
<b>Resource Recovery and Conservation</b>	
Recycling and Composting	Compliant
Food and Beverage Containers	Compliant
<b>Education and Outreach</b>	
Sustainability Best Practices	Compliant
Alternative and Energy Efficient Auto Races	Compliant
Bicycle and Foot Races	Compliant
Green Education Public Awareness	Compliant
Partnerships with Area Schools	Compliant

<b>Compliance Report      2012: Year 1 of 10</b> <b>Circuit of the Americas (COTA) and</b> <b>Circuit Events Local Organizing Committee (CELOC)</b> <b>July 2013</b>
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Future Development

Green Building	Not applicable for 2012
Passive Solar	Not applicable for 2012
Water Conservation	Not applicable for 2012

Transportation

Parking Coordination	Compliant
Transportation Management Plan	Compliant
Special Events	Compliant
Satellite Parking	Compliant
On-Site Parking	Compliant
Parking Sales Designated Organization	Compliant
Coordination of Parking Sales and Ticket Sales	Compliant
Dedicated Traffic Lanes	Compliant
Cycling Access	Compliant

Green Technology

Green Racing and Transportation Center	Compliant
Track Access	Compliant
Green Technology Fundraising	Compliant
Electric Vehicle Advocacy	Compliant

Transparency and Accountability

Single Point of Contact	Compliant
Recruiting Local Hires	Compliant

MBE / WBE	Compliant
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**B. Conclusion**

The City's compliance review finds that COTA and CELOC are in compliance with their obligations.