



**Mary L. Vigilante**

President

SYNERGY CONSULTANTS, INC.

Ms. Vigilante formed Synergy Consultants in 1995 to establish a firm focused on the preparation of airport environmental studies.

38 Years Experience in Airport Environmental Planning

21 years Synergy Consultants, Inc.

**Education:**

Berry College, BS Math. 1978

**Memberships/Honors:**

- Airport Council International – NA
  - Environmental Committee
  - Past co-chair of NEPA Working Group and Air Quality Working Group
- Transportation Research Board AV030 Environmental Impacts of Aviation Committee – friend of the committee
- Editorial Board the *Airport Noise Reporter* publication
- Editorial Board the *Airport Emissions Reporter* publication
- Sustainable Aviation Guidance Alliance (SAGA) original member
- American Association of Airport Executives (AAAE)
  - Chair Climate Change Subcommittee
- 2013 Walt Gillfillan Award
- 2014 ACI-NA Peer Recognition for Outstanding Individual Contribution and Leadership

Mary is an approved Verifier under the Airports Council International (ACI) Airport Carbon Accreditation Program.

**Experience:**

Ms. Vigilante has 38 years of experience with preparing bullet-proof environmental documents and strategic plans for the sustainable future expansion at large and small airports in the United States. Her experience in airport environmental planning is unusually diverse, including:

- Sustainability airport master plans and management plans (SAMPs and SMPs);
- Environmental Assessments (EAs), Impact Statements (EISs), Categorical Exclusions (CatExs);
- Compliance with State equivalents of the National Environmental Policy Act (e.g., SEPA, CEQA);
- Greenhouse Gas (GHG) inventories, Climate Action Plans, air quality evaluations: General Conformity, Transportation Conformity, and air quality improvement programs;
- Noise Abatement planning, including Part 150 Noise Compatibility Planning Studies; and
- Public outreach and public and agency coordination plans.

Mary has participated in an impressive list of airport EISs, EAs, and an extensive number of documented categorical exclusions for airport projects. She has prepared the greenhouse gas inventories for 11 airports, over three dozen conformity evaluations, and has assisted airports in submitting emissions and activity information for use in State Implementation Plans. Mary’s role in the assignments has varied from serving as the project manager to quality assurance/regulatory compliance as well as technical analyst.

NEPA/State environmental evaluations and related documents include:

- Los Angeles International Airport Landside Access Modernization Program EA (2014-ongoing)
- Port of Portland, Quick Turn Around Categorical Exclusion Cumulative Impacts (2016)
- Chicago O’Hare International Airport, O’Hare Modernization Program EIS Re-Evaluation (2015)
- Port Authority of NY/NJ – Senior Advisor on Airport Dev. Issues JFK/EWR/LGA (2011-2016)
- Dallas Love Field, Dalfort Redevelopment EA and DOT 4(f) Evaluation (2013-2014)
- Hillsboro Airport, Oregon, Supplemental EA for New Runway (2012-2014)
- FAA/Anchorage International RNP approaches Categorical Exclusion (2013-2014)
- FAA/Buffalo Niagara Falls International Airport, NY RNP approaches Categorical Exclusion (2014)
- Los Angeles International Airport, California, Midfield Satellite, North Concourse EIR (2012-2014)
- Halls Crossing Utah Replacement Airport Supplemental EIS (2012-2015)
- FAA/Milwaukee Airport RNP Approaches to Runway 07R and Runway 25L CatEx (2013)
- Grand Junction Airport, Colorado Runway Alignment EA (2012-2013)
- FAA/Syracuse Airport RNP Approaches to Runway 10 and Runway 28 CatEx (2013)
- Dallas Love Field, Texas, RNP for Approaches to Runways 13L/R CatEx (2012)
- Phoenix Sky Harbor Airport, Arizona, CIP NEPA Processing Strategy (2012)
- Phoenix Sky Harbor Airport, Arizona, I-10 Corridor EIS NEPA Strategy (2012)
- ACRP Report 85/03-21 *Developing and Maintaining Support for New Airport Capacity* (2012)
- FAA Las Vegas Airspace Optimization Environmental Assessment (2010-2012)
- Kodiak Airport, Alaska Runway Safety Area EIS (2007-2013)
- Aspen Pitkin County Airport Runway Extension EA/FONSI (2008 – 2010)
- Detroit Metropolitan Wayne County Airport, Noise Abatement Procedure CatEx (2009)
- Portland International Airport, Oregon North Runway Extension EA (2007-2009)
- Seattle-Tacoma International Airport Comprehensive Development Plan EA (2006-2007)
- Dallas Love Field, Terminal Modernization Environmental Strategy/CatEx (2007)
- Alaska’s Juneau International Airport Runway Safety Area EIS (2007)
- Chicago O’Hare Int’l Airport Modernization Program EIS and DOT 4(f) Evaluation (2005)
- Seattle-Tacoma International Airport Consolidated Rental Car Facility CatEx (2005)
- Boeing Field Airport SEPA EIS/NEPA EA and DOT 4(f) Statement RSA Correction (2003)
- Bremerton National Airport RSA Compliance Environmental Assessment (2002)

Sustainability Planning projects include:

- Seattle-Tacoma International Airport Sustainable Airport Master Plan (2014-ongoing)
- Colorado State Sustainable Airport System Plan (2014-2016)
- Northwest Arkansas Regional Airport Sustainable Airport Master Plan (2013-2014)
- Arnold Palmer Regional Airport, Sustainable Airport Master Plan (2013-2014)



**Mary Vigilante**

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**Statement of Availability:**

Ms. Vigilante is available for discussions on key issues at any time.

- ACRP 02-40 *Understanding Green Energy Technologies and Their Effects on Airports* (2013)
- Denver International Airport Sustainability Management Plan (2011 - 2013)
- Aspen Pitkin County Airport Sustainability Plan, Master Plan, and Construction Plan (2010-2013)
- Fresno Airport FAA Pilot Project Sustainability Management Plan (2011 - 2012)
- Renton Airport FAA Pilot Project Sustainability Management Plan (2011 - 2012)
- Port of Portland Master Plan and Sustainability Plan/Airport Futures (2008- 2010)
- Sustainable Aviation Guidance Alliance (SAGA) original member

Notable air quality-related projects include:

- Long Beach Airport, Southwest Airlines Service General Conformity Applicability Analysis (2016)
- Portland Intern'l Airport, Quick Turn Around Facility General Conformity Applicability Analysis (2016)
- ACRP 02-57 *Reducing the Impact of Lead Emissions at Airports* (2015-ongoing)
- Los Angeles World Airports State Implementation Plan facility wide budget (2014-ongoing)
- Los Angeles World Airports AQMD Coordination for Capital Projects (2013)
- ACRP Report 102/02-33 *Guidance for Estimating Airport Construction Emissions* (2011-2013)
- ICLEI Community GHG Emissions Protocol – Air Transportation (2012)
- St Cloud Regional Airport, Minnesota Air Service Conformity Applicability Analysis (2012)
- ACRP 02-23 *Alternative Fuels as a Means to Reduce PM2.5 Emissions at Airports* (2009-2012)
- ACRP Report 84/02-21 *Evaluation of Airport Emissions within State Implementation Plans* (2010-2012)
- ACRP Report 56/02-10 *GHG Emission Reduction Strategies Handbook* (2009-2011)
- LAWA Air Quality/Source Apportionment Study – Advisor to LAWA (2011)
- Boeing Field Greenhouse Gas Emissions Inventory (2010-2011)
- Milwaukee Airport VALE Application-Preconditioned Air (2011)
- Sea-Tac Airport – Centralized PCA System VALE Application (Phase I: 2010, Phase II: 2011)
- San Diego Air Quality Management Plan/GHG Inventory (2009)
- San Francisco Airport Greenhouse Gas Inventory Review (2009)
- Missoula Airport New Air Traffic Tower Air Quality Assessment (2009)
- Aspen Pitkin County Airport, GHG Inventory and Climate Action Plan (2007/08/09/10)
- Los Angeles World Airport Greenhouse Gas Inventory (2008)
- Port of Portland Aviation Division Greenhouse Gas Inventory and Climate Action Plan (2008)
- Dallas Love Field Modernization Program General Conformity (2008)
- Port of Seattle Aviation Division Greenhouse Gas Inventory (2007-2008)
- ACRP Report 11/Project 02-06 *Airport Greenhouse Gas Inventory Guidebook* (2007-2008)
- Denver International Airport VALE Application -- Preconditioned Air (2008)
- Sacramento Airport VALE Application – Preconditioned Air (2008)
- Detroit Metro Airport VALE Application – Preconditioned Air/Hydrant Fueling (2007)
- San Francisco International Airport, Southwest Airlines General Conformity Determination, (2007)
- Sea-Tac Airport, General Conformity evaluations Consolidated Rental Car Facility (2005)
- Denver International Airport, Ozone, CO and PM10 Air Conformity Evaluations (1999-2009)
- Milwaukee Airport Terminal Expansion CO and Ozone Air Conformity (2001)
- Portland International Airport –Ozone and CO Clean Air Act Conformity Evaluations (1998-2003)
- Houston Hobby Airport – Terminal Expansion Clean Air Act Conformity Evaluation (2000)
- Boise Airport, Terminal Expansion Conformity (1999), Shortfield Rwy EA & Conformity (2001)
- Paine Field Master Plan Ozone and CO Air Conformity Evaluation (2002, 2004)
- Olympia Airport Master Plan PM10 Air Conformity Evaluation (2003)

Other Airport Projects:

- Anchorage Airport Part 150 Noise Compatibility Planning Study Update (2012-ongoing)
- Jackson Hole Airport Part 150 Study Update (2014-ongoing)
- Denver International Airport Master Plan Environmental Screening and Strategy (2009-2011)
- Detroit Willow Run Airport Part 150 (2007-2011)
- Detroit Metropolitan Wayne County Airport Part 150 Update (2006-2008)
- Portland International Airport Part 150 Update (2005)
- Boise Airport, Part 150 Study (2003)
- Sea-Tac Airport Part 150 Noise Compatibility Study (2000, 2011)

Expert Witness on Noise, Emissions, and Environmental Processing Issues