Health Impact Assessment Checklist

Health IMPACT Assessment
- Balanced Land Uses
- Community Services
- Recreational Opportunities

Health RISK Assessment
- Air Toxics
- Health Risk from Pollutants
- Regulatory for hazard mitigation
Health Impact Assessment Checklist

• Access to neighborhood services
• Access to transit
• Risk of disease from toxic air, water or soil contaminants
• Crime rates and public safety
• Access to nutritious food
• Access to medical care
• Walking and cycling opportunities
• Noise levels
• Housing availability and affordability
• Social cohesion and sense of community
• Green development and building/management practices
Irvine Business Complex - Regional Context
IBC Area and Surrounding Communities

- Former MCAS Tustin
- Tustin Legacy
- Santa Ana
- John Wayne Airport
- UCI
- Newport Beach
Vision Plan Goals

• Protect the Existing Job Base within the IBC

• Develop Mixed-Use Cores

• Provide Enhanced Connectivity

• Create Useable Open Space

• Develop Safe, Well-designed Neighborhoods
The Vision

- New Mixed-Use Neighborhoods
- New Streets
- Improved Pedestrian Connections
- New Parks
- Identity Elements
- Creekwalk
Protect Existing Job Base

- Establish Business Complex District
- Retain Zoning Rights for Existing Commercial & Industrial Uses
Develop Mixed-Use Districts

Create Urban Neighborhood District
Provide Transportation/Pedestrian/Visual Connectivity

Enhance Connectivity to Transit Routes
Establish a Well Connected Street Network

Provide Transportation /Pedestrian/Visual Connectivity
Create Useable Open Space

Important Linkages to Open Space System
Create Useable Open Space

Create a Creekwalk along San Diego Creek
Create Useable Open Space

Interconnected Bikeways and Trail System
Develop Safe, Well-designed Neighborhoods

- Buffer new residential developments from existing industrial uses
- Encourage variation in building heights and types
- Design buildings with articulated massing
- Incorporate architectural detailing
- Design roofs that are attractive from the ground and taller buildings
Develop Safe, Well-designed Neighborhoods

• Buffer and blend parking structures
• Provide parking solutions
• Create a safer living and work environment
• Build sustainable and energy efficient residential buildings
### Health Impact Assessment Checklist

1. **Density:** Does the project involve residential components that are built at an average density greater than seven units per acre of buildable land available for residential use.

2. **Access to Transit:** Is regularly scheduled transit service available within one-half mile of all residential and employment areas.

3. **Physical activity:** Is the project located within 1/4 mile of either a neighborhood park, trail, or open space.

4. **Housing Affordability:** Does the project include a mix of housing affordability levels?

5. **Water quality:** Is the project site designed to fully treat water runoff on-site before discharge into the public storm drain system?

6. **Food:** Are there supermarkets or fruit and vegetable stores located within a mile of the project site?

7. **Design:** Is the project design in character with the surrounding neighborhood?

8. **Circulation:** Does the project adequately account for safe circulation patterns, including separation of pedestrian and vehicular traffic?

9. **Access to Medical Services:** Is the project located within one mile of a hospital or medical office complex?

10. **Mixed Use:** Does the project include accessory retail or other non-residential use?
### Health Impact Assessment Checklist

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<tbody>
<tr>
<td>11. <strong>Safety:</strong></td>
<td>Is the project designed with windows overlooking public spaces?</td>
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<td>12. <strong>Connectivity:</strong></td>
<td>Does the project include linkages to public sidewalks?</td>
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<td>13. <strong>Recycling:</strong></td>
<td>Does the project provide for on-site recycling facilities for different types of waste materials?</td>
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<td>14. <strong>Energy Efficiency:</strong></td>
<td>Is the project designed to meet criteria for third party certification such as Build-It Green or LEED?</td>
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<td>15. <strong>Water Conservation:</strong></td>
<td>Does the project include water efficient landscaping and plumbing fixtures?</td>
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<td>16. <strong>Noise:</strong></td>
<td>Is the project located within 1,000 feet of specific noise generating uses?</td>
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<td>17. <strong>Proximity to Hazardous Materials:</strong></td>
<td>Is the project site located within 1,000 feet of hazardous materials as identified by the Orange County Fire Authority?</td>
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<td>18. <strong>Air Quality:</strong></td>
<td>Is the project located within 1,000 feet of specific air toxics generating uses as identified in the AQMD FIND database?</td>
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<td>19. <strong>Odors:</strong></td>
<td>Is the project located within 1,000 feet of specific odor generating uses?</td>
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<td>20. <strong>Traffic:</strong></td>
<td>Is the project located within 1,000 feet of uses with traffic levels above and beyond normal traffic patterns for the neighborhood?</td>
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Health Impact Assessment
Checklists
City of Irvine

American Planning Association
Orange County Chapter
August 21, 2014